Site: <http://salilgangal.com>

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**Education**

Degree: BE (**Bachelor of Engineering -** Electronics & Telecomm)

Year of graduation: 1987

College: SDM College of Engineering

University: Karnataka University (Dharwad, Karnataka India)

# Highlights of my experience

* Fifteen years of techno-functional experience in IT / ERP / ORACLE E-Business Suite.
* Extensive experience of customizing vanilla ORACLE EBS code and developing custom code to seamlessly integrate with ORACLE EBS vanilla code / functionality.
* Extensive hand-on experience of designing, coding, testing, migrating and documenting custom interfaces using PL/SQL, SQL\*Plus, Stage Tables, Flat Files, SQL\*Loader Scripts.
* Extensive experience with Q2C, Revenue-Recognition, Export Compliance, P2P
* Extensive experience creating: BRDs, Gap Analysis, Functional/Technical Specifications, Process Diagrams, Test Scripts / UAT/CRP Testing Incident Reporting / Post Production Support / Trouble-shooting Document
* Extensive experience of collaborating with: Business Stake Holder / End Users / Auditors / 3rd Party Vendors / BAs, Developers, DBAs and Release Engineers
* Constant interaction with user/business community to understand the user/business requirements/issues and to provide them functional/technical solutions.
* **Called to serve twice at** 1) **SGI** 2) **CEL** 3) **Intuit** 4) **Cisco** 5) **Symantec** and 5) **Wells Fargo**

Skill Set

|  |  |
| --- | --- |
| ORACLE Applications  (R12 / 1i) | Modules:  **a)** Order Management **b)** Purchasing  c) Receivables d) Payables  **d)** Inventory e**)** Shipping / WMS  **f)** Service Contracts  Vastera, TradeBeam. TradeSphere. |
| Cloud Application | Zuora Billing, Zuora RevPro, Avalara, Chase Orbital, NetSuite, SFDC, Workday, Xactly, Concur |
| ORACLE Tools | SQL\*Plus, PL/SQL ( Procedures, Functions, Triggers etc. )  ORACLE Developer Suite 10g. Forms 10g/ 6i, Reports 10g/6i  API’s and Custom API (ORACLE 11i), BI Publisher, SQL\*Loader, Forms  Personalization |
| Databases | ORACLE 11g, 10g, 9i 8I, 8, MySQL, Postgres/PostgresSQL  MongoDB/NoSQL (beginner) |
| Languages | PL/SQL, Python (Pandas, Selenium, QT5, MatPlotLib, Jupyter),  VBA (Excel) , Perl |
| Other Tools | TOAD, ANT, Shell, awk/sed/grep, Word/PowerPoint/Visio, AutoSys, $U, cron Jira, , HP – PPM (Kintana)  ClearCase, CVS, Perforce, GIT |
| Data Visualization  Data Transform  Model / Design / Document | Tableau,  Excel + VBA : Pivot Tables, PowerPivot/DAX, Vlookup, Index-Match,  AIM (3.0), OUM, Visio, Power Point |

**Quick Overview**

**Professional Experience**

**Timeline**:

**[Tableau](https://tinyurl.com/y7grfjyb)** [(<](https://tinyurl.com/y7grfjyb)**[control-click](https://tinyurl.com/y7grfjyb)**[>)](https://tinyurl.com/y7grfjyb)

<https://tinyurl.com/y7grfjyb>

**Zuora / Redwood Shores**  May 2020 – Currently Working

Job Title: Business Systems Analyst & Project Manager Department: Business Technology

Description: Taking different roles depending upon the need.

Roles (a) Business System Analyst

(b) Project Manager

(c) SOX Analyst

(d) Technical Writer

(e) Administrator

Worked on:

(1) Managed project to establish interface between ADP and Fidelity for 401(k) details by working

with vendors ADP and Fidelity, internal Business Partners. Legal and Security Department

(2) Conducted SOX walkthrough with Auditors (Deloitte/KPMG) for Concur and Xactly

(3) Working with Business Partners, and Xactly Vendor to setup connector

between SFDC and Xactly.

(4) Deactivating the employees in NetSuite based on Workday data

(5) Tested REST API for interfacing Workday🡪SFDC, and Workday🡪NetSuite for employee

data by developing tests in Python

(6) Managed the project for interfacing Workday and Workboard by working with External

Vendor, and internal Business Partners, and Technical resources.

(7) Overseeing tasks for developers / technical-resources for projects

(8) Monitoring the following interface + Fixing errors by working with Business and IT

(a) Zuora 🡺 NetSuite

(b) Workday 🡺 SFDC

(c) Workday 🡺 NetSuite

(9) Fetching the diagnostic data using ZoQL (Zuora), and SoQL (SFDC)

(10) Designing custom interface for transferring Sales Commission data from SFDC to Xactly

(11) Administering Xactly, Concur, and NetSuite

**Environment: Applications: NetSuite, SFDC, Concur, Xactly, WorkDay, Zuora, Jira**

**Language: Python**

**Matterport / Sunnyvale**  August 2019 – Feb 2020

Job Title: Techno-functional Analyst + Solutions Architect Department: IT Department

Description: Working as Techno-functional Analyst + Lead Solution Architect.

Matterport being a startup the roles I carried out were many – Solution Architect, Business Analyst, Technical Developer, Release Engineer, Production Support, Vendor Management. (The attitude was to work on \*everything\* that was required in IT in order to support Business.)

Surf over to my site : <http://zuora.site> to view some of the work I’ve done.

Work involves

(1) Working with Business Stakeholders to conduct meeting for solution design

(2) Creating BRD documents, and Functional Specifications

(3) Conducting Workshops, UAT sessions with End Users

(4) Working on vendors : Zuora, Chase, Avalara, NetSuite

Worked on:

(1) Zuora to NetSuite Connector ( <http://zuora.site> + click “Product Catalog”)

(2) Developed Workflow for Dunning ( <http://zuora.site> + click “Dunning Workflow”)

(3) Designed/Developed interface Zuora 🡪NetSuite ( <http://zuora.site> + “Pandas Transform”)

(4) Configuration for “Advanced Tax Connector” from Zuora to Avalara

(5) Config/Setup for Chase Payment Gateway, and “Paypal” Payment Gateway

(6) Config/Setup for Chase Credit Card Updator

(7) Config/Setup for Zuora workflow for Dunning process

(9) Config/Setup for Zuora workflow for Payment Collections

**Environment: Zuora Billing, Chase Orbital/Paymentec, Avalara, NetSuite, Python, Excel/VBA**

**Fujitsu / Sunnyvale**  January 2019 – July 2019

Job Title: ORACLE Techno-Functional Analyst Department: Enterprise Operations

Description: Working as Techno-Functional Analyst to support ORCALE R12 EBS.

Work involves

(1) Working with Business Stakeholders to get the requirements

(2) Pushing-back/working-around on unnecessary requirements, to “right-sizing” requirements

(3) Creating BRD documents, and Functional Specifications

(4) Working with End Users for conducting UAT, and Training

(5) Working on SRs with ORACLE Support

(6) Working with Business Stakeholders to create Tableau Stories/Dashboards

(7) Worked with external Auditor for SOX related to revenue reporting.

Worked on:

(1) Setup New Responsibility, Menu, Report Group, Profiles, and Users for Fixed Assets

(2) Realign the “Return reason” / “Order type” for creation of Credit Memos.

(3) Price List ‘bulk-change’ after month-end for Item Categories

(4) Designed multiple ORACLE Alerts

(5) Worked on two Sev-1 SRs with ORACLE Support with one of them having 24/7 Support

(6) Custom Form to view Contracts / Instances / Serial Numbers / Customers

(7) Customization for ‘Invoice Print Selected Invoices’

(8) Customization for “WIP Valuation” report.

(9) Worked on Multiple Tableau Extracts/Stories/Dashboard based on Data Warehouse

**Environment: ORACLE R12:** (a) Order Management (Q2C) (b) Advanced Pricing (c) Inventory (d) Accounts Receivable (e) Fixed Assets(f) Service Contracts. **Tableau (ver 2018.2)**

**Symantec / Mountain View** November 2018 – December 2018

Job Title: Analyst / Solutions Architect for Zuora Department: Sales Operations

Description: Working as Solutions Architect and Production Support Analyst for Zuora

Work involves

(1) Designing Integration Solutions for Zuora Subscription Platform, with objects

(a) Invoices

(b) Credit Memos

(c) Payments

(d) Refunds

(e) Customer

(2) Designing the “Fallout” reports to assist with reconciliation

(3) Designed various Zuora Reports

(4) Resolving “P1”, “P2”, “P3” Production issues from Service Now

(5) Creating Stories in Jira for development/release engineering to work on.

**Environment: Zuora, Jira, Service-Now, ORACLE R12, AR/OM (Q2C), PL/SQL, Excel/VBA, Python, Perforce, HP-PPM**

**Symantec / Mountain View** October 2017 – October 2018

Job Title: Data Analyst ORACLE EBS Department: Sales Operations

Description: Working as Data Analyst for ORACLE R12 with primary focus on Zuora Integration, and Oracle R12 production support.

Work involves

(1) Leading meetings with Management / Business for Status Reporting with 15+ participants

(2) DataCleanup, DataFixes for Subscription Billing in Zuora and ORACLE R12.

(3) Fallout Report creation using Excel and PL/SQL

(4) Development of preprocess for ORACLE R12 Invoice Interface.

(5) Data cleansing, Data validation, Data reconciliation using Excel and PL/SQL

(6) Report creation for Zuora subscription billing.

(7) Dashboard creation in Excel to depict performance, for management reporting

(8) Data Cleansing / Transform / Load using Python/Pandas

(9) Automated data loading using Python/Selenium into Zuora

(10) Built AR interface using Python

**Environment: ORACLE 11i/R12, Zuora, AR/OM (Q2C), PL/SQL, Excel, Python, Perforce, HP-PPM, Excel/VBA**

**Yahoo! / Sunnyvale** September 2016 – September 2017

Job Title: ORACLE EBS Consultant Department: IT

Description: Working as techno-functional resource in Agile Scrum environment. Each sprint is for two week duration with focus on different Stories. The work involves various tasks related to Analysis, Development, Testing, and Migration of each Story. Scrum Tool: **Jira**. Code Repository **GIT**.

1. Reports customization for the Yahoo “Display” Customer Statements
2. Analysis + Remediation of various PO reports in Discoverer
3. Customizing the “Auto Receipt” in Purchasing for ‘expense’ items
4. XML Bursting for mailing ‘Rebate Statements’ to customers of Yahoo
5. Conversion of RTF templates into XLS templates for BI Publisher
6. Forms enhancement for the “Invoice Workbench”.
7. PO form personalization for India’s GST (goods and services tax)
8. Bug fix for the “Search” Gemini data push to DMZ
9. Lockbox files customization to fetch the files using SFTP protocol from Citibank
10. Remediation of various CEMLIs for R12 upgrade
11. Created Purchase Orders, Sales Orders Inventory extracts for analysis by software “AnaPlan”.

**Environment: ORACLE 11i/R12:, Purchasing, Accounts Payable/Receivable (P2P), SQL, PL/SQL,**

**BI Publisher, Forms/Reports, Shell Scripts, Discoverer JIRA, GIT, HP-PPM**

**Cisco Systems / San Jose** May 2016 – August 2016

Job Title: Technical Writer Department: Inventory

I performed Reverse Engineering of the Inventory Reports.

This project was to understand the full functionality of Inventory Reports, and create documentation to give the Requirements, Functional Analysts and Technical Specifications.

The client wanted to analyze the “Excess and Obsolete Inventory” held by various Manufacturing Partners at various locations across the world, and wanted to decrease the excess and obsolete inventory to minimum. The current solution in place lacked the documentation. I was responsible for the analyzing 8 separate reports, and to make documentations for the IT, Business Stakeholders and End Users to grasp the details of present solution that is in play, and to propose a new better solution.

**Environment: Rosetta Net Signals, ORACLE R12: Inventory, Order Management, Purchasing, SQL**

**Google Inc, Mountain View** / **Sunnyvale** September 2014 – April 2016

Job Title: ORACLE Developer (Consultant) Department: Revenue & Billing

I was involved in development work for the ‘Party Merge’, DQM Setup / Patch Analysis, 'Customer Merge' and Reconciliation among “Order-Management', Accounts Receivable' and 'RevPro'

Technical:

1. Developed custom modules to perform (a) Party Merge, and (b) Customer Merge.
2. Worked on interface to extract Transactions (TRX) from ORACLE AR to RevPro Stage table.
3. Developed API to allow RevPro to get daily currency conversion rates from EBS.
4. Developed “Waterfall” report give summary of revenue from RevPro and AR into a single report. (This is a by Account, by Product and by Period.)
5. Developed Reconciliation Report to reconcile among 'Order Management', 'Accounts Receivable' and 'RevPro'
6. Created interface for transmitting Invoices to Taiwan Tax Authority.
7. Worked on Forms Personalization for Transaction Form
8. Developed “Escheatment” report for detailing the unapplied payments to the Government.

**Environment: ORACLE R12, 11i, REVPRO, PL/SQL, Unix Shell Scripts , HP PPM**

**FireEye Inc, Milpitas, CA** March 2013 – August 2014

Job Title: Sr ORACLE Analyst (Employee) Department: Business Systems

I was involved in enhancements, production support / bug fixes for R12 (R12.1.3) of ORACLE Application Suite that includes Financials, Manufacturing.

Functional:

1. Worked on requirement gathering, functional specification, technical design, UAT for B2B integration for Contract Manufacturer Flextronics and 3rd Party Logistics Flex. This B2B integration allowed FireEye to place Orders and have those shipped by using the Contract Manufacturer and supply the Spares to various Subinventories. ORACLE Business events were used to send the EDI signals and process the ASN.
2. Worked on Personalizing the Forms to permit PO account generation.
3. Worked on requirement gathering to send Shipment Notifications via Business Events.
4. Requirement gathering for the Purchase Order Print for global usage.
5. Check Printing for India OU
6. Implement the policy “after-the-fact” for Purchasing

Technical:

1. Implemented the generation of Purchase Orders via Sales Order for the contract Manufacturer and 3rd Party Logistics (Drop-Ship)
2. Customized the Commercial Invoice
3. Customized the Order Management COGS account generation workflow.
4. Customized the Purchase Order for communication
5. Customized the Checks for different international banks and Electronic Funds Transfer files
6. Created daily trigger for emailing the “after-the-fact” alerts

**Environment: ORACLE AIM, ORACLE R12, PL/SQL, Message Designer, WorkFlow, BI Publisher**

**Thermo Fisher Scientific, Sunnyvale, CA** June 2011 – March 2013

Job Title: Sr ORACLE Programmer (Employee) Department: Global IT

I am involved in enhancements, production support / bug fixes for R12 (R 12.1.3) of ORACLE Application Suite that includes Financials, Manufacturing and CRM.

Functional:

1. Worked with Scotia Bank / Payable Clark for implementing the “Positive Pay” functionality. Created BRD and Functional Specification for implementing the process.
2. Worked with the Business Users to understand the matrices to report the “Cycle Time” for the orders from their Booked status to Shipped status. Created Functional Specification for the new report “Book 2 Ship Cycle Time”.
3. Worked with the Business Stakeholder for the reporting requirements for (a) Bookings (b) Revenue (c) Deferred Revenue across different Regions (Operating Units)
4. Worked in Tableau dashboard generation using ORACLE EBS details. Order Analysis dashboard was the primary focus.

Technical:

1. Added a new Bank (Scotia Bank) for Canada in Accounts Payable and created a CA check in BI Publisher.
2. Enhanced custom report Sales Order Demand / Forecast report to include custom functionality.
3. Developed an BI Publisher report that reports Booking/Revenue/Deferred-revenue across different Regions for management reporting
4. Developed “bookings” report that reported for different (a)Transaction Types, (b)Sales Regions, for different periods.
5. Changed the BI Publisher templates for Germany, UK and Italy invoice for the Terms & Conditions.
6. Extracted the TCA entities Sites, Contacts and Credit Limits in ORACLE for export into SAP.

**Environment: ORACLE R12, ORACLE Report 10g, BI Publisher, Tableau, Shell Scripts, GIT, AIM, Q2C, P2P.**

**Leeyo Software, Santa Clara, CA** March 2011 – June 2011

Job Title: Tech Lead (Contractor) Department: Revenue Recognition Development

I was involved in product development / upgrade of the product RevPro. RevPro is a bolt-on product for ERP systems. It allocates the revenue per the GAAP standards established under SOP 97-2 and EITF 08-1.

This product requires deep understanding of the concepts of VSOE and BESP, and the corresponding algorithms, logic that go about in making RevPro product that results is Carveout, Adjustment transactions for recognizing the revenue via Accounts Receivable

Functional:

1. Understanding the FASB standards as they are applied for the Revenue Recognition.
2. Making recommendations for the product development / upgrade

Technical:

1. Upgraded the RevPro implementation at Blue Coat, for E-Business Suite 11.5.10
2. Implemented a Job Scheduling system for RevPro

**Wells Fargo, San Francisco, CA** January 2011 – February 2011

Job Title: Technical Writer / Analyst (Contractor) Department: Bill Pay

This short assignement was to prepare the BRD, FSD and Flow Diagram to make Wells Fargo's Bill Payment system compliant with "Regulation E" with the focus on Online Banking Stations. (http://www.federalreserve.gov/bankinforeg/regecg.htm ).

Functional:

1. Interviewed various Business Stakeholder / SMEs to understand the Regulation E, and determine the ultimate aim to get the Bill Pay to comply.
2. Analyzed the 4 types of Bill Pay occurring at Wells Fargo and the corresponding processing.
3. Documented the findings in the BRD, and Flow Diagram.
4. Architected the changes in the "Batch" processing necessary to make the Bill Pay flow the Online Banking Station details thru various systems. Prepared the FSD.

Technical:

1. Analyzed the AutoSys jobs, Shell Scripting, PERL Scripting, PL/SQL programs.

**HotWire, San Francisco, CA** August 2010 – December 2010

Job Title: Sr. Analyst (Contractor) Department: ERP / Finance

This assignement involved on-going maintenance of ORACLE Apps for HotWire

Business involved: Order to Cash for the “Travel Ticker” and “Dare 2 Compare web-sites.

Functional:

1. Designing / developing / testing / documenting the interfaces that involve taking the order data from Expedia’s “Travel Ticker” and “Dare 2 Compare” web-sites and importing into ORACLE Accounts Receivables.

Technical:

1. Designed / developed / tested a custom form to allow order-entry for imported orders.
2. Desinged “Invoice Print Selected Invoices” BI Publisher template per the specification for “Dare 2 Compare”.
3. Designed / developed / tested a custom form to allow manipulating invoice-interface data for imported orders before executing ORACLE Invoice Import interface.
4. Coding or SRS Job to split the billing data from third-party billers in PERL.

**Environment: ORACLE 11i (11.5.10), ORACLE Forms (6i), Discoverer, BI Publisher, PL/SQL, PL/SQL, SQL, PERL, Shell Scripting, ORACLE AIM.**

**Wells Fargo Bank, San Francisco, CA** March 2010 – July 2010

Job Title: Sr. Analyst (Contractor) Department: Wholesale Banking Division

/ **Credit Management Group**

Tasks:

1. Designing / developing / testing / documenting and supporting changes/improvements in the code for Credit Management operations, with focus on CMO (Commercial Mortgage Operations).
2. Designed / coded “Health-check” that is used to monitor the health of database.
3. Designed / developed Autosys jobs to achieve/improve automation.
4. Production support for failover / failback

**Environment: ORACLE 10g, PL/SQL, SQL, Shell Scripting, PERL Scripting, C-Shell, ERwin, AIM.**

**Wells Fargo Bank, San Francisco, CA** September 2009 – December 2009

Job Title: Sr. Analyst (Contractor) Department: Wholesale Banking Division

/ **HUB Group**

Functional areas:

1. Integrating the pipelines and customers from various CRMs into aggregator CRM.
2. GAP Analysis and Designing / coding the mapping for data-import from Wachovia into Wells Fargo for the Wholesale Banking for customers, and products.

Technical areas:

1. ORACLE 10g upgrade for ETL system WICS and HUB.
2. Designing / developing / testing / documenting and supporting changes/improvements in the code for HUB data-bus.
3. Performing “**ETL**” for various datafeeds that are in form of flat-files, staging tables, SOAP requests.

**Environment: ORACLE 10g, PL/SQL, SQL, Shell Scripting, PERL Scripting, Oracle AIM.**

**California Eastern Laboratories, Santa Clara, CA** March 2008 – February 2009

Job Title: Sr Analyst/Programmer (Employee) Department: Information Technology

This assignement involved on-going maintenance of ORACLE Apps for the CEL.

Business cycles involved: Quote to Cash, Procure to Pay.

Worked on various Techno/Functional area:

1. Designed/developed interfaces to integrate 3rd Party package “Model N” with ORACLE Apps for ‘Prices’, ‘Items’, ‘Customers’ and ‘Orders’ using PL/SQL Packages and SQL\*Loader scripts. Used ERwin to model the interface.
2. ORACLE GL: Setup GL for a new set-of-books / currency for Hong-Kong
3. ORACLE Payables: Set Up Manual Check Payments
4. ORACLE WIP: Change the Account Generator to have custom Charge Account
5. ORACLE Order Management: Customization of WorkFlow for a new Order Type
6. Coded several Forms (6i), CUSTOM.pll, and Reports(6i) customizations
7. Coded several interfaces to upload Excel generated CSV files to perform updates in ORACLE database using PL/SQL “UTIL\_FILE”
8. Coded shell scripts for data extraction, data load

Supporting the PROD environment for

1. Order Issues
2. WIP Issues
3. PO Issues
4. Auto Invoice Issues

**Environment: ORACLE Apps 11i (11.5.6, 11.5.10), PL/SQL, WorkFlow, Forms 6i, CUSTOM.pll, Reports 6i, Shell Scripting, PERL Scripting, Oracle AIM.**

**SGI, Sunnyvale, CA** March 2007 – March 2008

Job Title: Sr Analyst/Programmer (Employee) Department: Worldwide IT / Logistics

This assignment involved on-going maintenance of ORACLE Apps for the SGI IT.

Business cycles involved: Quote to Cash, Procure to Pay.

Worked on various Techno/Functional area:

1. Export Compliance Upgrade (Vastera to TradeSphere). Conducted GAP Analysis, coding, testing – Intergation+UAT.
2. Tax Code change automation
3. Data-Warehouse development/support for GSA Price List, Pay-roll Extract.
4. Coded shell scripts for data extraction, data migration, data load
5. Data-Warehouse development/support/maintenance GARP, MARS, SRU, ORION (Home-grown data warehouses of SGI for billing/booking/backlog data).
6. Forms Customization for Export Compliance using Forms 6i (Customer Entry form, Order Entry Form.)
7. SOX testing – ASIM1B, ASIM1C
8. Helped Business Stake-holder with creating charts (Bar, Line) using extracts from ORACLE Apps. This was performed using Tableau.

Also supporting the PROD environment for

* ERP to/from Vastera Interface

**Environment: ORACLE Apps 11i (11.5.7, 11.5.10), PL/SQL, Forms 6i, Reports 6i, Shell / PERL, Oracle AIM, Tableau.**

**Hewlett-Packard Company, Cupertino CA** May 2006 – February 2007

Job Title: Sr Analyst/Programmer (Employee) Department: Storage Works Division (AppsPack)

This project involved custom product “LiveArchive”, based on ORACLE Apps / PeopleSoft Applications that archives the data from “OLTP” database into “History” database.

1. Extensive testing of LiveArchive on Unix / Linux / Windows operating systems.
2. Making Build/Deploy using ANT.
3. Design of front-end tool “Compatibility Matrix” that is used for “Deploy”.
4. Vendor-management. Work-allocation / Status-check / Code-review.

**Environment:  ORACLE Apps 11i (11, 11.5.6, 11.5.7, 11.5.9. 11.5.10), PeopleSoft Applications, ANT, Unix Shell Scripting, AIM.**

**SGI, Mountain View, CA** February 2005 – April 2006

Job Title: Sr Analyst/Programmer (Contractor) Department: Information Technology

This assignment involved ORACLE Apps / SOX / Segregation-of-duties work of:

1. Disabling User Assignments
2. Disabling Responsibilities
3. Excluding Menus / Functions
4. Creating Responsibilities / request groups / profiles.

This assignment involved ORACLE Apps related work on modules: Sales Compensation, Order Management, Accounts Receivable modules.

Reports customized: 1. SGI Sales Compensation OM/AR Exception Report

2. SGI Operations Shipments Reports

3. SGI Invoice Print Selected Invoice

4. SGI RMA Form

Interfaces coded: 1. SGI Sales Compensation GEO Code Update

Supporting the PROD environment for

1. ERP to/from GPS Vastera Interface

2. ERP to DataWarehouses using Informatica (ORION/GARP/MARS)

**Environment: ORACLE Apps 11i (11.5.7), PL/SQL, Forms 6i, Reports 6i, PERL Scripting, Unix Shell, Oracle AIM.**

**Electronic Arts, Redwood Shores, CA** October 2004 – January 2005

Job Title: Consultant (Contractor) Department: Information Technology

This project involved on-going Support and Customization of ORACLE 11i. I was involved in Chart-Of-Accouts project which merges / maps different world-wide charts of accounts into a global instnace. I performed customization/new-development for various ORACLE Reports and Discoverer reports.

**Environment: ORACLE ERP 11i (GL/OM) (11.5.7), Forms 6i, Reports 6i, Discoverer, ORACLE Database 9i, PL/SQL, AIM.**

**BearingPoint**  **March 2004 – September 2004**

Job Title: Employee Department: Consultancy

BearingPoint WindRiver Upgrade Project July 2004 – September 2004

Alameda, CA

Functioning as a Senior Software Engineer (Employee of BearingPoint), at WindRiver Inc.

This project was for upgrading from 10.7 to 11i.

I customized the Reports WindRiver requirements:

* + - * 1. Install Key Report
        2. Commercial Invoice
        3. Customs Invoice

**Environment: ORACLE ERP 11i and 10.7 (OM/AR), ORACLE 9i, PL/SQL, ORACEL Reports, AIM.**

BearingPoint Nikon Upgrade Project June 2004 – July 2004

Redwood City, CA

Functioning as a Senior Software Engineer (Employee of BearingPoint), at Nikon Precision Inc.

This project was for upgrading from 10.7 to 11i.

I customized the following Workflows to generate the accounts per Nikon requirements:

1. COGS (Cost Of Goods Sold) Account Generator
2. PO Account Generator
3. PO Requisition Account Generator

I customized the following reports into 11i, per the 10.7 reports:

* + - * 1. Invoice Print Selected Invoice Report
        2. Sales Order Acknowledge
        3. Purchase Order Print
        4. Uninvoiced Receipt Report

**Environment: ORACLE ERP 11i and 10.7 (OM/AR/PO), ORACLE 9i, WorkFlow Builder, PL/SQL, ORACEL Reports, AIM.**

BearingPoint JDSU Trade Compliance Project March 2004 – May 2004

San Jose CA

Functioning as a Senior Software Engineer (Employee of BearingPoint), at JDS Uniphase.

This project is for building an interface from ORACLE OM/AR to a 3rd party software Trade Beam which is used for enforcing Export Compliance. It involves checking for restrictions, licensing at several stages in the WorkFlow of the Orders. It involves creating/releasing Order Holds. It involves checking the Parties for any restrictions. From the database/objects perspective I implemented several triggers, tables, PL/SQL Procedures and Concurrent Programs to build the interface. ORACLE ERP to Trade Beam is a two way interface.

**Environment: ORACLE ERP 11i, ORACLE 9i, PL/SQL, ORACEL Reports, AIM.**

**Intuit, Inc., Mountain View, CA** January 2004 – February 2004

Job Title: Consultant Department: Information Technology

This short project involved customizing ORACLE’s OEOL standard workflow. I modified the standard “OEOL” WorkFlow to add custom activitiy, which allowed ntuit to implement a Lock Order functionality (similar to hold) functionality, before an Order Line is fulfilled.

**Environment: ORACLE ERP 11i (OM), WorkFlow Builder, ORACLE Database 9i, PL/SQL.**

**Cisco Systems, Inc.,** **San Jose, CA** January 2003 – December 2003

Job Title: Consultant Department: eCustomer / Sales Finance

**Project 2:**

This project was customer intergration inititive for “eCustomer” division of Cisco. This project involved migrating/merging/cleansing Customer data of Cisco currently residing in three distinct systems-of-record into ORACLE ERP database, with main emphasis on data conversation to comply with Trading Community Architecture (TCA). I performed design/coding/testing of PL/SQL packages to achieve this. The data volume is very high (**1.2 million records**), and advanced features of PL/SQL available in 8i such as BULK COLLECT are used alongwith spawning multiple parallel processes in PL/SQL.

**Environment: ORACLE ERP 11i (AR), ORACLE Database 8i, PL/SQL, AIM.**

**Project 1:**

Design/Development/Testing of the DSA (Deal Support Automation) system at Cisco was done by me. The task involved the GUI front end and the back end with ORACLE database. I was involved in design/development/testing of the back-end.

The overall functionality involved importing the Orders data from ORACLE ERP and releasing the holds from DSA Checkpoint per the requirements. The system interfaced with ORACLE ERP. The main tools used were PL/SQL, Stored Procedures, Built-in Packages and SQL\*Loader.

I designed/developed/tested the back-end for the GMAT (Gross Margin Analysis Tool) which was interacting with multiple databases (both ERP and non-ERP databases). The main tools used were PL/SQL, Stored Procedures Built-in Packages and SQL\*Loader.

**Environment: Unix, Windows 2000, PL/SQL, ORACLE ERP 10.7 and 11i (OM), AIM.**

**CEL (California Eastern Laboratories), Santa Clara, CA** September 2002 – December 2002

Job Title: Contractor Department: Information Technology

Customization of ATP (Available To Promise) module is being done by me. This change allows the user at CEL to automatically do the ATP check for an Order Line followed by automatically Splitting the Order Line per the availability followed by automatically Scheduling the Split Order Lines. This modification involves the following features in ORACLE 11i.

* Use of the API's in MRP (CALL\_ATP) and OM (PROCESS\_ORDER)
* Use of Library 'CUSTOM.pll'
* Forms 6i features and the Zoom functionality
* PL/SQL libraries for Concurrent Job
* SQL\*Loader script and PL/SQL procedure to load/process the on-hand-quantity in the Material Transaction Interface.

**Environment: Solaris, ORACLE 11i (OM), FORMS 6i, Reports 6i**

**Sun Microsystems., Newark, CA** April 2000 - August 2002

Job Title: Software Engineer (Contractor) Department: Information Technology

Performed several customizations and modification to vanilla and custom Forms and Reports for Order Management and Accounts Receivables.

Significants tasks performed were:

* Pilot of ORACLE 11i OM/AR modules
* Gap Analysis of Advaced Pricing with special focus of ‘Buyback’ type of Modifier
* Analysis of Trading Community Architecture in AR
* Customization for Sun’s Upgrade Allowance Program, which allowed Sun to buy-back old hardware and to offer new at a discount. (In essence this allowed ORACLE 10.7 OM to handle regular and return lines within the same order.)
* Customization for ‘iPlanet’ Orders (via Zoom)
* Order Import Customization
* Customization of ‘Enter Orders’ for to handle different type of TAX entries
* Analysis of storing ‘extra’ pieces of information for ORDERs that resulted in creation of additional tables (called Extension tables) for Order Headers and Lines. Created DFFs to handle different requirements for different Organizations for data capture.
* Invoice Import Customization
* Various flavors of ‘Age Trial Balance’ reports

**Environment: SOLARIS, ORACLE Financials 7.8, AOL, FORMS 2.3, PL/SQL, Reports 2.5, ORACLE Financials 11i (OM/AR/INV)**

**Novell Inc., San Jose, CA** April 1999 - March 2000

Job Title: Team Lead (Contractor) Department: Information Technology

Several top level Management Reports have been developed for Revenue Reporting. Responsibilities also include allocating, guiding, helping other team members for Order Entry & Accounts Receivable related reports.

* Created the main one page report which captured the whole of Sales / Revenue picture for Novell. This report was a complex Cross-Tab report
* Created various ‘views’ that facilitated creation of reports for AR for the Team
* Created the coding standards for the reports

**Environment: Sun, HP-9000, Sun Solaris, HP-UX, ORACLE Financials 11 (OM/AR), AOL, ORACLE 8.0, PL/SQL, Reports 2.5**

**ORACLE Localizations, Redwood Shores, CA**  November 1998 – March 1999

Job Title: Technical Writer (Contractor) Department: Globalization – Oracle Applications

Technical Design Documents were developed for the 'Customer Balance Letter'

& 'Supplier Balance Letters'. Report 'Daily Journal Book' was modified to make it suitable from Oracle Greece requirements. Global Flexfields were designed so that the additional company information may be stored for the Greek customers of Oracle Financials.

**Environment: Sun Sparc, Sun Solaris, Oracle Financials 11, AOL, Oracle 8.0, PL/SQL, Reports 2.5**

**KPMG, (Diamond Multimedia) Santa Clara, CA** Sep 1998 – November 1998

Job Title: Sr. Developer (Contractor) Department: Consultancy

Developed reports in different modules (Order Entry, Accounts Payable, Accounts Receivable, Purchase Order, Bill Of Materials, Work In Progress) based on the design specifications. Developed simple Forms. Developed Oracle Alerts.

**Environment: Sun Sparc, Sun Solaris, Oracle Financials 10.7 (OE), AOL, Oracle 7.0, PL/SQL, Reports 2.5, Forms 4.0**

**Intuit Inc., Mountain View, CA**  July 1997 – Aug 1998

Job Title: Developer (Contractor) Department: Information Technology

Analysis, design, development & implementation of customization for Intuit were done for Oracle Order Entry & Inventory. Customization involved PL/SQL, SQL\*Forms, Reports. Notable task was the maintenance of the interface (MACS Legacy System to Oracle Financials and vice-versa). Significant tasks performed included: 1) Analysis, design & development of a program to perform SCRAPping operation in the RMA sub-inventories 2) Design of forms to monitor the interface transactions 3) Design of reports to report 'problems' as defined by Intuit in the orders

**Environment: PCs, HP-UX, Oracle Financials 10.7/10.6 (OM), PL/SQL, SQL\*Forms 2.3, Reports 2.5/2.0**

**Personal Achievements**

**Ongoing Personal Job @ Financial Markets of USA**

I’m a trader, and I make profits consistently by using **algorithmic trading**.

I’ve designed algorithms to trade **ETFs** (Exchange Traded Funds), and **MFs** (Mutual Funds). Specifically: (1) Wave Trading Algorithm

(2) Fluctuation Trading Algorithm

(3) Blitz Trading Algorithm

I’ve designed various Technical Analysis signals: Disha, DigBheda.

Languages/software I’ve used for my trading/analysis are:

1. AFL (Amibroker Formula Language
2. Excel/VBA (Visual Basic for Applications)
3. C#
4. Python (Pandas, Selenium, Requests, JSON, QT5, MatPlotLib)
5. Tableau

Samples of my work are available at my site:

<http://salilgangal.com>

I’ve **never lost money**, when measured quarter-over-quarter, for past **10+ years**.

**Ongoing Personal Project, Cyberspace**

I have designed/developed two subscription WEB site for giving actionable intelligence for traders.

<http://Breadth.BIZ>

**VACCINE, Bombay, India** May'90 - Jul'90

Designed, developed & marketed a general purpose vaccine package against the PC/DOS based viruses. The development was done using C. This package was marketed to clients in Bombay.

**Reference:**

Available for Permanent Employee Positions. (No references for temp positions.)