

KEERTHANA VEMULA

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Professional Summary:

- **Around 5.8 years** of professional experience in the Information Technology industry in software development
- A skilled Programmer with a flair for adopting new technologies,
- Hands-on experience in **SQL, PLSQL, C#, Entity Framework and Restful Web APIs** .
- Good Knowledge in Domain (Hexagon PPM Material Management)
- Experience in working with development tools SQL Developer, Citrix, Visual Studio 2017
- Good at following Agile Scrum Process and represented my team in ISO Audit.
- Strong analytical and problem solving abilities

Educational Qualification

- Bachelor of Technology in Electronics and Communication Engineering from IIIT Basar in 2015 with 9.00 CGPA
- PUC from IIIT Basar in 2011 with 9.70 CGPA
- SSC from AP State Board in 2009 with 89%

Experience Details

Organization	Designation	Duration
Tech Mahindra	Software Engineer	04-08-2015 to 09-02-2018
Hexagon Capability Centre, India	Senior Software Developer	19-02-2018 to 31-12-2020
Hexagon Capability Centre, India	Principal Software Developer	01-01-2021 to Till Date

Technical Skills

- **Operating Systems** : Windows 7/8/10, Linux
- **Web Technologies** : HTML
- **Databases** : Oracle 12C, Oracle 19.1
- **Languages** : SQL, PLSQL, C# .NET

Work Experience

Project Profile#1:

Tech Mahindra Ltd, Hi-Tech City, Hyderabad.

Project: Cisco Global Tax and Customs

Client: Cisco, USA

Role: Developer

Description:

Project Global Tax and Customs involves deriving customs valuation and creating accounting entries for intercompany transactions. It uses Virtual trader bolt on application which resides with in the Oracle Applications. Virtual Trader is used to process eligible intercompany product sales, RMAs and service contracts from order management, accounts receivables, RAE and GL for computing transfer price and creating intercompany accounting entries between selling entities and buying entities. The process of data extraction, TP computation and accounting is automated as much as possible. But still there are some transactions that were not automated and transfer pricing team is passing manual true up entries in GL to cover the delta. Hence, there are many items that are identified in various releases for extending the transfer billing process to include eligible product revenue related transactions for intercompany process to optimize or reduce manual true ups..

Contribution:

- Assisted in design of Tables, Extracts and Reports.
- Developed programs to extract eligible Intercompany data from OM, AP, XLA and GL tables to VT Interface tables for processing by VT
- Developing various oracle applications using PLSQL, SQL, Oracle Reports, XML Reports and AOL
- Used Oracle E-Business Suite applications for Order Management, Accounts Receivables and General Ledgers
- Troubleshoot issues by creating and following-up service requests using SRM tool.
- Migrating the code from dev to test environment and then to production using AppDB tool.
- Creating Unit Test Cases and Understanding documents for corresponding User Story
- Maintaining versions in SVN tool for each release
- Generating Sonarqube report and making changes according to the suggestions provided by it.
- Involved in GO-Live activities, which included IT validation, Invalid objects check and dependency with other tracks in the project.

Environment:

SQL, PLSQL, AOL, Oracle Reports, Oracle R12 SCM Modules (Order Management, Accounts Receivables, General Ledger), Tidal Enterprise Scheduler (TES) and Unix.

Project Profile#2:

Hexagon Capability Centre India, Hi-Tech City, Hyderabad.

Project: Smart Materials

Role: Developer

Description:

Our team basically works on implementing Web APIs for Hexagon PPM Smart Materials Product and Integrating this Product with Other Internal and External Products. This team works for Bill of Materials (BOM) module to perform forecasting and reservation runs to simulate materials availability. It aims at integration of BOM with other modules like Site to enable users import/export BOM from/to different modules easily by using WEB APIs and Oracle PLSQL Packages. Team also Provides Restful Web APIs for Material Management Modules like Material Receiving, Material Issuing and Material Transfer etc.

Contribution:

- Designing of different DB objects like Tables, Views, Sequences, Triggers etc.
- Developing packages to create/manipulate data in DB tables
- Uploading DB scripts to Patch Integrator before Sprint Review
- Developing WEB APIs and Testing them using Postman Tool
- Validating Web APIs against Smart API Validator, to check if the coding guidelines are followed
- Creating Unit Tests in Visual Studio to reach Code coverage of minimum 80%
- Following Agile Scrum methodology, attending daily standups and weekly meetings

Awards & Achievements

- Received Pat on Back award for Organizing an event at Tech Mahindra.
- Received Pat on Back award twice for my contribution towards Product development at Hexagon.
- Participated twice in the 24 hour Hackathon conducted by Hexagon
- Member of Start Award event organizing team at Hexagon.

Personal Profile

Father's Name	: Vemula Sadanandam
Date of Birth	: 16/06/1994.
Languages known	: English, Hindi and Telugu
Positive Attributes	: Self Learning, Good Analytical Skills and Enthusiastic in Learning new Things
Hobbies	: Drawing and Making Handicrafts