



Sandeep Chandupatla

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About me: • 9+ years of experience in Information Technology in terms of Software development life cycle involving Analysis, Object Oriented Design, Development, Deployment, Testing, Documentation and Maintenance in a web based environment, Distributed n-tier architecture and Client Server architecture • Good working knowledge of Java 8, Node JS, Spring Boot Microservices, Node JS Microservices • Good working knowledge of MERN and MEAN stacks

● TECHNICAL STACK

Skills

Operating Systems: Windows 2010, Mac OS X, Linux

Languages: Java 8, Python, **Javascript**, WebServices, **Node.js**

Databases: Relational : Oracle, MySQL, NoSQL : Mongo DB, IBM Cloudant, Redis

Web/Application Servers: Tomcat, JBoss, IBM Websphere

Frameworks: JSF1.x /2.x, Spring 3.x, Spring boot, Drools

ORM tools: Hibernate, Spring JPA

Project Management: JIRA, Rally, VersionOne

Build tools: Maven, Gradle

Reporting Tool: Jasper Report 4.2

Infrastructure: AWS, Kubernetes, Docker

Client: Bootstrap, jQuery, Angular JS, **Angular 8+**, TypeScript, Ajax, CSS3, HTML 5, **React.JS**

Version Control: SVN, GitHub, Atlassian Tools

Backend: **Node JS**, **Express**, **Spring Eureka Microservices**

Cloud: Spring Cloud, AWS

Messaging: JMS, Apache Kafka

Security: LDAP, JWT

Testing tools: Selenium, HTML Unit, Zombie.js, Jasmine, Backbone.js, Junit



Working skills

- Knowledge of RDBMS and NoSQL data stores and polyglot persistence (Oracle, MongoDB etc.)
- Knowledge of event sourcing and distributed message systems (Kafka, RabbitMQ)
- AngularJS, React, Backbone or other client-side MVC experience
- Experience with JavaScript build tools and dependency management (npm, bower, grunt, gulp)
- Experience creating responsive designs (Bootstrap, mobile, etc.)
- Experience with unit and automation testing (Jasmine, Protractor, JUnit)
- Expert knowledge of build tools and dependency management (gradle, maven)
- Knowledge of Domain Driven Design concepts and microservices
- Participate in software design and development using modern Java and web technology stack. Should be proficient in Spring boot and Angular.
- Sound understanding of Microservices architecture
- Good understanding of event driven architecture
- Experience building Web Services (REST/SOAP)
- Experience in writing JUnit
- Good to have experience in TDD
- Expert in developing highly responsive web application using Angular4 or above
- Good Knowledge of HTML/HTML5/CSS, JavaScript/AJAX, and XML
- Good understanding of SQL and relational databases and NO SQL databases
- Experience with a versioning system (e.g., CVS/SVN/Git)
- Experience with agile development methodologies including TDD, Scrum and Kanban
- Experience in AWS, Azure
- Cloud native app development
- Experience in CI/ CD
- Experience in Linux, Shell Scripting

● WORK EXPERIENCE

23/11/2020 – CURRENT – Vienna, Austria

APPLICATION DEVELOPER – UNIVERISTY OF WIEN

The **COVID19 application** was developed as part of the COVID19 testing initiative at the UNIVIE in spring 2020. Johannes Zuber and the COVID19 testing team have established and validated a simple, safe and well-tolerable gargling procedure that can be performed at home, thereby eliminating the logistical burden and infection risk associated with centralized sampling.

Beside of the sampling procedure a **web-based database solution** was developed by us. We have used our **SISY (Sample Information System) framework** for this project as it has very dynamic data structure for sample tracking systems and it is well proven through our projects.

06/02/2017 – CURRENT – HYDERABAD

SOFTWARE CONSULTANT – ADP

- Build services and create solutions to business problems
- Research, Design, Develop, and/or modify enterprise-wide systems / applications
- Prototyping solutions and recommending the adoption of new technologies and continually improve our client experience.
- Support Development and Deployment of application software releases to production and Non-Production environments
- Self-reliant, hands-on position to lead and drive code quality, maintain application stability in an agile environment.
- Collaborate with architectural peers, product owners, UX/UI, Internal/External stakeholders and globally distributed teams to understand requirements and develop application in compliance to client needs
- Assist in the development of overall project plans and timetables, analysis and identification of intermediate deliverables
- Define engineering best practices and mentor teams to write elegant code using automated unit tests & TDD methodologies
- Develop specifications for new products/services, applications and service offerings

HYDERABAD, India



SENIOR SOFTWARE ENGINEER – PROKARMA

- Implementation of Development tasks for the business modules.
- Implementation of JUnits for the Unit Testing Activities.
- Participation in code reviews.
- Followed agile model process to deliver the releases with respective of sprints.
- Involved gathering the requirements from the client and Implementation of High Level design documents.
- Handle the tasks of providing technical direction for developing, designing and integrating systems.
- Designed the project framework using maven from scratch.
- Handle the tasks of identifying system deficiencies and implementing effective solutions.
- Involved in development of core functional implementations.
- Resolve technical issues during integration/deployment phases.
- Involved in writing the test cases using Junit and Mockito.
- Responsible for integration and testing of system.

● EDUCATION AND TRAINING

23/08/2007 – 15/05/2011 – Nadergul, Saroornagar Mandal, , Ranga Reddy District, Hyderabad, India
BACHELOR OF ENGINEERING – MVSr ENGINEERING COLLEGE

<https://www.mvsrec.edu.in/>

21/06/2005 – 04/05/2007 – Vidhya Bhavan, , Nampally, Telangana, Hyderabad, India
INTERMEDIATE (10+2) – BOARD OF INTERMEDIATE EDUCATION

<https://tsbie.cgg.gov.in/home.do>

26/04/2005 – Chapel Road, , Nampally, Hyderabad, Telangana, Hyderabad, India
SSC (10) – BOARD OF SECONDARY EDUCATION

<https://www.bsetelanganagov.in/>

● PROJECTS

06/02/2017 – CURRENT
ADP P2V Migration

Migration tool is solely designed and developed to execute ICP scripts (in staging database) and Data Migration jobs which migrates data from staging Database to Vantage. Vantage is a product which generates payroll. Migration tool acts as a intermediary to push the data from PayForce system to Vantage.

Environment: JDK 1.8, Spring Batch, Jersey Restful Web services , Angular JS.



02/07/2015 – 13/01/2017

Gordmans POS-Upgrade

Gordmans is in the process of implementing the latest versions of the Oracle Retail product suite with the assistance of OLR as its implementation partner.

Project GEM has been organized into 2 phases phase 1 implementing merchandising foundation data management, invoice matching, and price management; phase 2 will add functions deemed necessary by Gordmans but were not part of the base implementation.

Phase 1 of the GEM project focuses on RMS foundation data, ReIM, and RPM pricing integrated Gordmans legacy systems. RMS will become the system of record for foundation data, item data, purchasing data, and stock ledger. RPM will become the system of record for permanent price changes and promotions. AIS will remain the system used to generate markdowns, rebuy orders, and replenishment orders. Arthur will remain the system used to generate allocations.

Phase 2 of the GEM project focuses on performing integration of the RMS system with the new 'Relate' and 'XStore' systems which are subsequently integrated with customer facing ecommerce sites

By migrating the data from 'Oracle Retail' to the new 'Oracle Relate' and 'Oracle XStore' systems, Gordmans can leverage the advanced 'supply chain management' functions provided by the new systems.

Environment: JDK 1.7, Spring, Jersey Restful Web services, jboss-eap-6.4.0.GA, ActiveMQ, XSLT, JAXB, SOAP

24/11/2013 – 17/06/2015

CCU – Customer Commitment Update

Customer Commitment Update (CCU) is a newly created web based system which will be used by Network Planning group to create and maintain customer commitment standards for the railroad's time sensitive premium automotive and inter modal traffic. These commitments contain the transit standards that are used in the measurement processes to determine whether our actual service delivery satisfies the transit standard agreed upon between UP and the actual shipper. This system will replace the mainframe based 1.3 customer commitment system.

Environment: Java, JSF, Spring, Hibernate, BeanIO, Jenkins, XMF service, PMD, Check Style, Junit with Mockito, Jira, Quartz, JBoss, Oracle, Maven, SOAP

28/08/2011 – 24/11/2013

CWS – Change Wire System

Service design uses the system called the change wire to manage the request to change the transportation plan for the new business opportunities.

CWS (Change Wire System)

It is a workflow process used by the service design group to process requests to change the medium to long term Train Schedules. It is primarily used by operations managers in the field wishing to improve traffic through a terminal or area.

CSP (Customer Service Profile)

It is a system is used by the marketing department, to communicate new business opportunities from the marketing department to the network planning and operations. CSP contains the required information about the new business like which commodity, what is the source and destination of the goods, revenue opportunity of the business. This information may vary depends on the commodity.

Environment: Java, JSF, Spring, Hibernate, BeanIO, Jenkins, XMF service, PMD, Check Style, Junit with Mockito, Jira, Quartz, JBoss, Oracle, Maven, SOAP