

Ravi Teja Munnangi

Full stack developer specialized in java and javascript technologies

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Visa Status: Australia Permanent Resident - Skilled Independent (Permanent) – Subclass 189

Introduction

- **Five years** of experience in IT industry, with progressively increasing responsibilities in engineering and architecture of several software products.
- In depth knowledge of **Java, Spring, Hibernate, Java EE, REST API, web security standards, Javascript, JQuery, Angular 2, MS SQL Server and Oracle databases** with hands on experience in full stack web application design and development.
- Excellent client interaction skills and communication skills.
- Thoroughly involved in software development life cycle and experienced in working on **Agile methodologies (Scrum)**.
- Excellent debugging and troubleshooting skills.
- Experienced in consulting and mentoring clients across the globe.
- Experienced in establishing continuous integration infrastructure platforms using **Jenkins and Hudson**.
- Experienced in identifying, analyzing and resolving security vulnerabilities like SQL injection, Cross Site Scripting, dynamic code evaluation, etc.
- Extensive experience working on cloud based **CaaS and SaaS** development.

Technical Skills

Technologies	JAVA, JDBC, JSP, Servlets, REST API, Spring Core, Spring MVC, Spring Boot, Hibernate, Javascript, Typescript, Angular 2, JQuery, HTML, CSS, OJET, Dojo, Maven, Grunt, Gradle, Groovy, Junit, Mockito, JPA, Lucene, Microservices architecture.
Databases	MS SQL Server, Oracle 12c, Mongo DB, Sybase.
Tools	Intellij IDE, Eclipse, GIT, SVN, Jenkins, Splunk, Jira, Confluence.
Servers	Weblogic, Tomcat, Websphere.
Certifications	Oracle Certified Professional, Java SE 6 Programmer and Oracle Certified Professional, Java EE 5 Web Component Developer.
Methodology	Agile (Scrum), Waterfall model, prototyping.

Project profile

Oracle India Private Limited, Member of Technical Staff

Web Center Sites and Content as a Service – Web Content Management

Duration: 2 year 5 months (Feb 2015 to June 2017)

Project Description: “Oracle Webcenter sites” is a Content Management System (CMS) product of Oracle. The product provides a comprehensive solution for content creation, maintaining and delivery for

enterprises that need a Web based destination. Content as a Service (CaaS) is a channel agnostic API for content consumption both structured content and content assets.

Roles & Responsibilities:

- Created REST APIs for asset management using Jersey implantation of JAX-RS and Spring Boot framework.
- Leveraged Jackson API for serialization and deserialization of java objects from/to XML and JSON formats for response pay loads.
- Worked on demonstrations of the product capabilities to the clients, using different front-end technologies like Javascript frameworks, Angular 2 and OJET.
- Integrated Lucene search engine with the webcenter sites product and created events to index the data.
- Worked as a sustenance team member to handle service requests from customers like Vodafone, Apple, etc., and provided guidance on various issues and mentored them towards effective product utilization and customizations.
- Improved the tested code coverage for the webcenter sites product by creating JUnit test cases and selenium test cases.
- Leveraged Jenkins and Hudson to schedule builds and nightly automation tests to facilitate the Continuous Integration environment.
- Created an integration test framework using tomcat and Mongo DB to circumvent the installation and configuration steps for writing test cases for code changes.
- Handled many service requests and hot issues from the clients and provided solutions well within the timelines.
- Helped customers in upgrading the product by creating an upgrade platform that would migrate the product from older versions to newer versions.
- Worked on identifying, analyzing, and resolving many security vulnerabilities in the product like cross site scripting, SQL injection, dynamic code evaluation, path manipulation, etc.
- Developed the delegation module in the CAAS product that would interface between the backend content management and creation systems.
- Worked on architecting and designing several use cases and features in the Webcenter sites product.
- Worked on webcenter sites integration with Content and Experience Management Cloud Service (CECS) product that would interface between Content creation, management and delivery.
- Developed an upgrade framework that helps the users upgrade the Webcenter sites product across different versions.
- Created many templates using the integration with Content and Experience Management Cloud Service product which are used in out of the box sample site creation.
- Created a testing framework for functional level tests and created scheduled jobs to maintain and track the product reliability.
- Developed and researched on several proofs of concept using OJET, DOM analysis, performance analysis, etc., to demonstrate the capabilities of the application.
- Used dojo, JQuery on various modules when dealing with enhancements to the user interface of the webcenter sites product.

Tata Consultancy Service Limited, *Systems Engineer*

Fixed Billing Application – Telecom Domain

Duration: 2 years 1 Month (January 2013 to Feb 2015)

Project Description: The fixed billing application consolidates all the orders received from the customers (retailer or individual organization) and maps to the customers' subscription policy and billing is done accordingly on fixed services like broadband, landline calls, etc. The system interacts with various other systems which overlook financing issues, end user bill generation, etc. The interaction with other systems involves validation and reciprocation of data. The application is a web based application based on Java with SPRING framework. It also leverages the features of CORBA to interact with legacy programming languages to keep the framework of the application intact.

Roles & Responsibilities:

- Developed the user interface for fixed manual invoicing application using Spring framework and JSP.
- Leveraged the SPRING framework functionalities and adhered to it in the entire lifecycle of the project.
- Created functionality for the user to generate Excel and PDF files of the invoices for better user-friendly experience.
- Used JQuery and Javascript files to make the interface look more dynamic and to enhance the ease of use.
- Designed and created database schema for manual invoice application for fixed billing.
- Created the test plan and tested for various deployments.
- Automated test cases on JUNIT framework and scheduled automation jobs to give a nightly automation report to track reliability of the system.
- Created cron jobs using UNIX shell scripting.
- Handled various critical incidents and resolved them well within the deadlines.
- Worked closely with the business users in telecom domain (Telenor) and delivered solutions and change requests in a timely manner.
- Created sample applications for manual invoice creation module to demonstrate the use case to the customers.

Resource Management Tool – Internal Application

Duration: 6 Months (June 2012 to January 2013)

Project Description: The tool helps the resource management group to easily communicate with the availability of the resources and eases the task of allocation into projects with data pertaining to vacancy details. The tool is a web based application developed using Java EE. The persons concerned with the resource allocation can have the facility of reaching to the resource either through mail or through SMS hence enhancing the approachability. It also provides a dashboard for quick summary of the details and it is customizable for user needs.

Roles & Responsibilities:

- Created basic workflow of the module and various tasks involved.
- Implemented messaging API classes provided by Ozeki SMS gateway package.
- Automated the test cases for the application to include all the functional level tests.
- Created test plan to test the SMS feature.
- Did performance testing on the features.

Education Qualification

- Bachelor of Technology in Computer Science and Engineering from Acharya Nagarjuna University, India, 2012.