

**HARISH**

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## **PROFESSIONAL SUMMARY**

- Over 8+ years of experience as a **Full Stack Java Development** using spring technologies (**MVC, Spring. 4, core, Hibernate, boot, integrations, security**) in various domains & frameworks.
- Expertise in the web application development using **HTML 4/5, CSS (2/3), JavaScript, jQuery, Angular.JS and Bootstrap.**
- Have been working on diverse Database Servers like **Oracle 9i/10g/11g, MySQL 5.0** and experienced in working with the No SQL databases like **Mongo DB, PostgreSQL** and Cassandra.
- Experience in various open source framework like Struts framework, **spring framework** with modules like Hibernate.
- Extensively worked on core java concepts like Multi-threading, **Abstraction, Encapsulation, polymorphism, Exception handling** and collection Framework.
- Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using DOM and **DOM Functions.**
- Experience in developing client-side scalable **Single Page Applications (SPA)** with MVC architecture using AngularJS framework and Search Engine Optimization (**SEO**) techniques.
- Responsible for requirement gathering, designing, implementation of application and client interaction.
- Implemented several popular **J2EE patterns** like Business Delegate, Session Facade, Transfer Objects, Business Objects, DAO and Front Controller are used to decouple **Model View and Controller** components.
- Implemented Authentication and Authorization Components for Service Components using Spring Security.
- Implemented Model View Controller (**MVC**) Design Pattern using AngularJS 1.x.
- Experience working on **Docker Hub**, creating Docker images and handling multiple images primarily for middleware installations and Domain configuration.
- Implemented Micro-Services Architecture for various components using **Spring Boot** and Apache Tomcat 8.
- Experience with application servers like **Web Logic, JBOSS, Apache Tomcat** and IBM Web Sphere.
- Involved in developing **Web Services** and invoking them by using **XML, SOAP** and WSDL for creating proxy classes.
- Highly motivated, reliable analytical problem solver and trouble-shooter with strong attention to detail.
- Demonstrated ability to complete projects in deadline oriented environments.
- Experience in writing Build Scripts using Shell Scripts, **ANT, MAVEN** and using CI (Continuation Integration) tools like Continuum, Jenkins and Hudson.
- Exposure in development using **Agile Methodology** and **SCRUM** and Experience in Agile Process such as **TDD (Test Driven Development).**
- Highly organized with the ability to prioritize work load, manage multiple projects and meet project deadlines by following project standards and procedures as per client specifications.
- Standardized unit test plans for Web Control Program (WCP) written as Java Swing applets for all 3 product lines under my responsibility.
- Implemented the persistence layer using **Hibernate** and configured Hibernate with Spring to interact with the Database from the DAO.
- .Developed unit testing with Jasmine by using **karma** and E2E tests with protractor.
- Performed Efficient Manual Testing of web applications. Executed Test Plan, written Test Cases and Test Case Scenarios for testing the applications. Hands on experience on test management solutions like Quick Test professional (**QTP**).

## **TECHNICAL SKILLS**

<b>Operating Systems</b>	Window server, Mac OS X, Linux
<b>Application</b>	MS Office, Adobe Photoshop, Adobe Dreamweaver
<b>Web Technologies</b>	<b>HTML 5, XHTML, XML, DHTML, CSS3 LESS and SASS, JavaScript, JQUERY, JQUERYUI, AJAX, JSON, AngularJS 2, Node.JS, Android Frameworks, Bootstrap, REST, JBoss.</b>
<b>GUI editors</b>	Sublime Text, Notepad++, Visual Studio, Eclipse
<b>Languages</b>	C, C++, JavaScript, Java.8
<b>Database</b>	SQL Server, Oracle10g, MongoDB, Cassandra
<b>Servers</b>	Apache Tomcat, Web Logic, Web Sphere
<b>Version control tools\testing suites.</b>	Jasmine, GIT, Karma

#### PROFESSIONAL EXPERIENCE:

**Role: Sr. Full Stack Developer**

**T. Rowe Price - Owings Mills, Maryland**

**Nov 2015 – Current**

#### ROLES AND RESPONSIBILITIES:

- Developed presentation layer and GUI Framework using **CSS3&HTML5** and Client-Side validations were done using JavaScript and some server-side validations with Java code.
- Elaborated on the Use Cases based on business requirements and was responsible for creation of class diagrams, sequence diagrams to understand the existing architecture.
- Used **JSF, HTML5, CSS3, Bootstrap and jQuery-UI** to develop the User-Interface (UI) panels.
- Developed Single Page Applications (SPA) using **Angular2**.
- Worked in distinct phases of the project cycle like **design, development** and testing application.
- Implemented **Micro-Services** Architecture for various components using Spring Boot and **Apache Tomcat 8**.
- Developed a **REST API Server** that connects with devices through MQTT protocol and the server sends the data to the cloud for analytics.
- worked on different management tools such as Quality center (QC) and Application Lifecycle Management (ALM).
- Involved in the design and development of application using Spring and Hibernate frameworks.
- Using **GIT** for group development and access of repository.
- Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 2.0**.
- Designed and implemented a complete web-based user interface for Aprius Virtual I/O management console using CSS.
- Used **Web Services- WSDL, SOAP** for client side for exchange rate calculation and Restful **JAX-RS** to communicate over the network by using Spring Boot.
- Used **JDBC** for accessing database to track all sessions of accounts, which include **Quotes, financial details** and Provider/Member info with all selected criteria.
- Used various **Core Java** concepts such as Multi-Threading, Exception Handling, Collection APIs, Garbage collections for dynamic memory allocation to implement various features and enhancements.

- Migrated the legacy code from Struts MVC objects like Action Servlet, Controllers, Web Application Context, Handler Mapping, Message Resource Bundles, and Form Controller to **Spring MVC**.
- Provide domain expertise of open-source and commercial relational DBMS products and services (**Oracle 11g/12c**, SQL Server, Postgres, AWS RDS, AWS Redshift) and **NoSQL databases** (e.g. MongoDB, Cassandra, DynamoDB) databases.
- Was also actively responsible in the design and development of the Application Design Module using **Eclipse RCP** and Core Java.
- Used React JS for templating for faster compilation and developing reusable components.
- Developed business logic and managed the transactions with the database to deliver the content to the presentation layer and to store the data into the data layer. Developed stored procedures using SQL.
- Implemented multi-tier application layers including UI (**Java Swing**) and Database connectivity.
- Build scripts on **AWS cloud** for scheduling **EC2**, Auto Scaling and **Elastic load balancer** with java.
- Involved in writing test cases using **JUnit**, Mock objects to satisfy the Test-Driven Development (**TDD**) in Extreme Programming (XP).
- Involved in **CICD** process using GIT, Jenkins job creation, Maven build Create Docker image and deployment in AWS environment.
- Involved in post-production support and maintenance of the application.
- Developed test scripts with Ruby-Selenium to automate browser & web applications under **Cucumber** (BDD) Framework.

#### ENVIRONMENT:

JavaScript, **java.8**, SDLC, J2EE, JSF, JSP, JMS, Spring 3.0, Spring Web Flow, Spring IoC, **Spring Boot**, **HTML5**, XHTML, AJAX, jQuery, **Angular JS.2**, JavaScript, CSS3, POJO, **Angular2.0**, Spark, REST, WSDL, Hibernate 3.0, **GIT**, XML, Log4j, Eclipse, **Oracle 11g**, SQL, **Selenium**.

**ROLE: Java Ui Developer**  
Kaiser Permanente, Denver, CO.

September 2014 to Nov 2015

#### ROLES AND RESPONSIBILITIES

- Developed **CSS3** style sheets to give gradient effects. Developed **page layouts, navigation** and **icons**.
- Responsible for creating the screens with table less design following **W3C standards**.
- Involved in the creation of interface to manage user menu and Bulk update of Attributes using Angular.js and **jQuery**.
- Gathered and analyzed the requirements and converted them into User Requirement Specifications and Functional Requirement Specifications for the designers and developers to understand them as per their perspective.
- Implemented Java Persistence **API** (JPA) through Hibernate 3.0.
- Analysis, Design, Estimation, Development, bug fixing testing & Integration of Key Components of ECommerce sites using Demand ware platform.
- Coded the middle tier changes using Java RESTful and SOAP Web Services, spring and Hibernate.
- Designed data formatted web applications using **HTML, DHTML, XHTML** and **CSS** and deploy the script by client-side scripting using **JavaScript**.
- Used **Bootstrap** for responsive design, which allows users to **access** it from any device.
- Reduced downtime in troubleshooting software issues by implementing best approaches in resolving issues using Web Services. Working on User Interface implementation for Mobile Application.
- Implemented **java EE** components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.

- Worked on the development of a cloud based multi-media applications streaming platform using **C++** and Java under **Linux** environment.
- Used **JavaScript DOM** manipulation and **JavaScript event** to generate the data result in **UI**.
- worked on different management tools such as Quality center (QC) and Application Lifecycle Management (ALM).
- Implemented various screens for front end using **Angular.js** and used various components from **NPM** and react library.
- Exposed various capabilities as **Web Services using SOAP/WSDL**. Enhanced small servlet-based front-end and larger Swing interface to system.
- Hands on experience on Infrastructure Programming and sound knowledge of Cloud Computing & **Virtualization** concepts the proto-type built using leveraging the **Model-View-Controller (MVC)** design pattern.
- Designed and **developed UI capabilities** and **J2EE server** based services.
- Used React JS for templating and faster compilation and developing reusable components.
- Added multiple features to the plugin, few of them are: REST **APIs**, Versioning, Share Excellent able with other users, Import and Export.
- Built applications for scale using **JavaScript**.
- Design Test lab setup, Test cases and Defects Importing to **ALM** using Templates and **Logging** Defects in ALM and conducting the defect review meeting analyzing the results and submitted the status reports to the project team and update **test status** in the **scrum calls**.
- Expert in coding and integration of Services with user interface in **Service Oriented Architecture (SOA)** using **AJAX** and **JSON**. Using **Tomcat server** for deployment of build.

#### ENVIRONMENT:

HTML5, CSS3, **JavaScript**, AJAX, jQuery, **MVC**, **Angular.js**, Backbone.js, **Node.js**, **Responsive Design**, Bootstrap, Spring, **Hibernate**, DHTML, **DOM**, JSON, GIT, Stash, **Dreamweaver**, Firebug, SOAP, agile and Windows, **SQL**, **Node JS**, **Tomcat**.

#### ROLE: Java Developer

World Bank, Washington, DC

May 2013 to August 2014

#### ROLES AND RESPONSIBILITIES:

- Developed User Interface and implementing business process using **JSP, JAVA, JSF and Servlets**.
- Worked on Enterprise **JavaBeans (EJB)** as service side model that encapsulates the business logic of an application in the middleware.
- Contributed in design and development of **Struts** web based application. Involved in documentation of the architecture and configuration details.
- Developed interactive web applications using techniques such as **AJAX, XHTML** and DOM scripting.
- Worked with Data Tables, a table enhancing plug-in for **JQUERY**, JavaScript library, adding sorting, paging, and filtering abilities to plain HTML tables.
- Worked with PMR's for **Mobile first platform** issues.
- Used **Struts Tiles** and Validator framework extensively in developing the application.
- Involved in Requirements and analysis: Understanding the requirements of the client and the flow of the application as well as the application Framework.
- Designed the architecture based on the popular **J2EE Model 2** approach of **Model-View-Controller** design paradigm.
- Defined and developed the application presentation layer using **HTML5, CSS3, JavaScript** and **JQUERY** Scripting.
- Redesigned pages to improve application design and UI to attract the customers by taking inputs from senior management.
- Implemented Authentication and Authorization Components for Service Components using **Spring Security**.
- Developed all client-side logical implementation part of applications with **Angular JS** controllers under specific modules, manipulating nodes in DOM tree.

- Used various features in Angular.JS like data **binding, routing, custom filters**, custom directives to meet various customized requirements.
- Extensively used JAVA and **SWING** to design new GUI for the installer.
- Used JS tree that provides interactive trees by which we can implement drag & drop with search functionality.
- Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
- Worked with **AngularJS1.x** for creating own HTML elements for building a companied Web site which is an open Source Project.
- Created Restful web **API's** using java spring/Jersey.
- Used JUnit framework for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions.
- Involved in write application level code to interact with **APIs**, Web Services using **AJAX**, JSON and XML.
- Worked on **BDD** framework and creating feature files to automate manual tests and build nightly run regression suites.
- Involved in writing the Properties, methods in the **Class Modules** and consumed web services.
- Proficient with full life cycle QA Methodologies and concepts and experienced in automation Testing using QTP/UFT, Selenium, **HP QC/ ALM**.

#### ENVIRONMENT:

**HTML, CSS3, JavaScript, JQUERY, Bootstrap, AJAX, JSON, EJB, JAVA, JSF, Servlet, Junit, JSP, Servlets, MVC, J2EE, Karma, Angular JS1. x.**

#### ROLE: Web Developer

**OPTUM Health, San Antonio, TX**

**Nov 2012 - May 2013**

#### ROLES AND RESPONSIBILITIES:

- Performed the requirement analysis by interacting with key stakeholders to get the better understanding of the scope and deliverables of the project.
- Analyzed the complete architecture of various applications in-order to design the application.
- Developed **AJAX** framework for the project using **JQUERY**, Servlet, and JSP.
- Designed and Developed code for the **XML** driven UI using JSP, XML, JavaScript, **HTML, CSS**.
- Ability to rapidly prototype interface designs in hand-coded validating, standards-compliant, and semantically rich code and be aware of **cross-browser** compatibility and bugs.
- Understanding of application development lifecycle methodologies.
- Used **JQUERY** document to generate API documentation for **JavaScript** code.
- Knowledge of human factors and usability, best practices for interface design.
- Defined text alignment, size, borders, and many other typographic characteristics.
- Responsible for code optimization and testing of the website across different browsers.
- Designed, created and implemented custom Interwoven Team Site modifications to fully automate such activities as publishing, deploying, and updating online content (**HTML, JavaScript**).
- Build, configured and deployed Web components on Web Logic application server.
- Wrote Java code for accessing trade data from Oracle and **DB2** databases using JDBC API and SQL queries and accessed it from **J2EE** Web component.
- Implemented GUI screens for viewing trade data using Servlets, JSP, **HTML, CSS, JQUERY, JavaScript** and **Spring MVC**.
- Updated UI as per changing needs and requirements.
- Bug fixes for existing software system and software enhancement.
- Used best practices while creating the web pages.
- Understood their existing code and made changes to adapt the unique environment.

#### ENVIRONMENT:

**HTML, CSS, JavaScript, JQUERY, XML, Bootstrap, JSON, DTD Restful API, AJAX, Servlet.**

**ROLE: Software Developer**  
**HSBC, Hyderabad, India**

**March 2009 - Oct 2012**

#### **ROLES AND RESPONSIBILITIES:**

- Worked with System Analyst and the project team to understand the requirements.
- Developed web pages applying best standards.
- Designed dynamic and multi-browser compatible pages using **HTML, DHTML, CSS** and JavaScript.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Responsible for design and development of the Customer Relations Module.
- Converted the mock-ups into hand-written **HTML, CSS, JavaScript, and XML**.
- Developed **GUI** using JavaScript, **HTML, CSS** and JavaScript in ongoing projects.
- Fixed bugs in the previous versions.
- Created **DOM** for datasets. Worked with datasets in **JSON** format. The datasets are collected from back end server **PHP file** using API and these datasets are then rendered on front end using HTML, DHTML and CSS.
- Involved with **Product Managers** and Software Engineers to provide guidelines on solid UI design.
- Develop front end and back end web applications with the help of PHP and **HTML**.
- Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript validation controls.
- Applying **CSS** styles to create left and top nav of the web page.
- Designed, developed and maintained an automatic e-mail from using PHP, **CSS**.
- Involved in implementing **MVC** architecture to separate business logic from the view using OOP in **PHP**.
- Created Web back-end user interfaces to new and existing databases utilizing **PHP** and **MySQL/Oracle** databases
- Provided production support by interacting with the end-users and fixing bugs.
- Developed **IFRAME** element to fetch and display the external pages that contains **JavaScript/CSS** code that runs when fetched via Ajax, the page is from an outside domain. Fixed issue related to that.
- Implementing the design pattern of **software AMD** (Asynchronous Module Definition) using **Require JS** and to isolate the components of our JS applications as modules and resolve their dependencies.

#### **ENVIRONMENT:**

MySQL, WinSCP, **CSS, AJAX, HTML, XHTML**, Wamp Server, **XHTML**, PHP, Apache Tomcat, IE 6, 7 Firefox, Chrome.