**Pavan B
Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY**:

Around 6+ years of Full-Stack development experience across all stages of the life cycle, including design, development, implementation, and testing of web-based applications.

* Expertise in developing User Interface (UI) rich web applications using Front End/UI Technologies, including HTML5, DHTML, CSS3 (SaaS, LESS) frameworks, Bootstrap, JavaScript (ES5&ES6), jQuery, and AJAX.
* Worked with Behavior Driven Development process and Test-Driven Development (TDD).
* Used Cosmos DB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Analyzed and resolved production system problems tracked with Rational Clear Quest and JIRA.
* Used Bootstrap and AngularJS, React.js and Node.js in effective web design.
* Expert knowledge of and experience in Object oriented Design and Programming concepts.
* Very strong experience writing API's/ and Web Services in PHP and in Python.
* Experience in using logging libraries like Apache Commons Logging and Log4j.
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana.
* Experience in design and developing Application leveraging MongoDB.
* Experienced in planning, designing and implementing portal solutions using WebSphere Portal.
* Expertise with testing frameworks like Junit, Power Mockito, Easy Mock, Cucumber and Jesrey Test.
* Created web GUI: pages, tables and charts using GWT Google Web Toolkit, java Free chart library using MVC pattern.
* Independently integrate multiple APIs and new features using React + GraphQL stack.
* Develop and deploy applications with the AWS SDK for JavaScript, Node.js, React Mobile, and TypeScript.
* Experience working with YAML, a swagger used to describe the API’s.

**TECHNICAL SKILLS:**

Agile, Scrum, C, C++, C#, Java, JavaScript, PHP, PL/SQL, UNIX Shell Script, Servlets, Spring, JPA, JTA, JDBC, JSP, JSTL, RMI, Applets, Struts 2.5, Hibernate 5.x, Spring 5.0, Spring Batch, Spring Security, Spring AOP, Spring Core, Spring IOC, JSF,HTML, HTML5, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON, SQL Server, MySQL, Oracle, MongoDB, DB2, PostgreSQL, Grafana, Prometheus, ELK, CloudWatch, and others, Git, Maven, Gradle, XSD, WSDL, Apache Axis, SOAP, Restful, Graph-QL, JAX RS, JAX WS, Windows, Linux, and UNIX, Agile, Waterfall, OOAD, SCRUM.

**PROFESSIONAL EXPERIENCE**:

**Charles Schwab, Westlake, TX.** **Nov 2023 – Present**

**Sr. Java Full Stack Developer**

**Responsibilities**:

* Involved in Configuring web.xml and faces-config.xml according to the JSF Framework.
* Worked in React.js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React concepts.
* Worked on system logging using Elastic search, Kibana, Logstash to create dashboards in Splunk and Kibana.
* Configured and maintained Jenkins for Continuous Integration and Continuous Development (CI/CD).
* Deployed Spring Boot-based Micro services on Docker containers using Amazon ECS.
* Experience working with Node.js to setup Web API’s using Java script.
* Hands on experience on Couch base and java 11 features.
* Worked on implementation of Vertex using java 8 features
* Designed and developed java rest API using get and post methods using vertex and having result in a postman.
* Expertise in JUNIT testing using Mockito and Power Mockito, integration testing and SOAP UI testing.
* Worked with configured and maintained Jenkins to implement the CI/CD process.
* Used Selenium Grid for cross platform and cross browser testing by running the Test Scripts on various virtual machines.
* Implementation planning and successful deployment of the developed code in production environment.
* Code review with the help of SonarQube and HP Fortify tools.
* Created dashboard in new relic console for monitoring purposes.
* Designed and Developed Automation Framework in Selenium Web Driver using behavior driver approach like Cucumber BDD.
* Design Cucumber framework for web/service-virtualization; perform manual and Cucumber testing of a web-based
* Designed and developed SOA based enterprise system using Oracle SOA Suite and WebSphere Developed HQL queries for CRUD.
* Developed JSR 286 portlets for migration from WebSphere Portal V6.1 to WebSphere Portal V8.0.
* Used WebSphere for design, development, and deployment of applications.
* Worked on server-side validations, handle actions, events and Encapsulation by implementing React.js.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using React.js.
* Created custom Confluence plug-in for internal approval signoff documentation.
* Monitored the enterprise applications using Dynatrace and Data dog.
* Worked with Mortgage loans, Credit Card applications and monitoring them using Datadog.
* Using No SQL DB which is Cosmos DB for the proof of concept.
* Involved in designing the database migration from DB2 to Azure Cosmos DB for transferring data.
* Worked with NoSQL database to store JSON like dynamic connections data.
* Developed and optimized services using Node Js and ES6 as interfaces to Cassandra NoSQL database.
* Implemented unit test for testing Angular components with frameworks using KARMA and JASMINE.
* Implemented API Documentation with Swagger.

**Environment**: JEE, Node JS, HTML5, CSS3-SASS, Twitter Bootstrap4.0, ES6 JavaScript,JSP, JSF, Web Services,React-Axis, AJAX HTTP Service, Typescript, Kibana, Spring Boot,Git, Maven, Gradle, JPA, jQuery, OAuth2.0, Apache Kafka, Swagger, Jenkins, GraphQL API,Log4j, MySQL, PostgreSQL, Cassandra DB, Jasmine, Elastic search, Redis, NPM, Web pack, RESTful, EC2, AWS S3, EBS, Elastic Load Balancer, Junit4, Docker, IntelliJ IDE, Terraform ,AWS SDK, DevOps, Datadog.

**Visa, Austin, TX Oct 2021 – Sep 2023**

**Java Full Stack Developer**

**Responsibilities**:

* Developed Microservices-oriented applications using React.JS in the front end and services.
* Used React.js to create custom components for data manipulations and to display data in company standard format.
* Implemented generating the verification hash code using crypto package on Node.JS.
* Used date-format and moment packages in Node.JS to save the timestamp in database converting into GMT.
* Developed user interface by using React.js, Flux/Redux for SPA development.
* Reporting and defining Pull request build status by collecting reports from the lighthouse tool.
* Used Rabbit Mq for Message Queuing and Microservices like SOA with ESB and Kafka.
* Developed rest API using vertex by connected with the Couch base server.
* Developed and implemented JUnits using Vert.x.
* Managed business objects, resource management in the business logic tier using Spring Framework.
* Configured Web Application Context as a Context Listener in the web.xml file to Integrating Spring with JSF.
* Used MongoDB internal tools like Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager etc.
* Developed Restful web services using JAX-RS in JERSY to expose data to the spring module.
* Deployed and monitored Micro services using Pivotal Cloud Foundry.
* Automated Data Integrity testing using SQL, JDBC, and Selenium.
* Used Web Services to interact with Websphere Process Server.
* Deployed the application on WebSphere Application Server.
* Used Sauce Labs and Selenium Grid to perform cross browser testing and parallel execution of the Tests.
* Worked with NoSQL & PostgreSQL database to store JSON like dynamic connections data.
* Implemented an express-Graph HQL library to mount a GraphQL API server on the user-configured HTTP endpoint.
* Code review with Tech Lead/Arch and using SonarQube for code validation to avoid violations.
* Created and configured management reports and dashboards in Splunk for application log monitoring.
* Designed and developed java rest API using get and post methods using vertex and having result in a postman.
* Developed rest API using vertex by connected with the Couch base server.
* Unit testing is done using JUnit, Spring JUnit test, Camel test support, TestNG, Mockito and Power Mock with Mockito.
* RESTful HTTP API for client and financial data (Node.js), as well as various APIs for other services and integrations
* Involving the code review and using the SonarQube to validate the violation.
* Changes/modules. Follow the change control procedures to move the modules into Production.
* Worked with Jasmine in testing and performed Unit testing and execution testing utilizing JUNIT.

**Environment**: JavaScript, JEE,React.js -Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, JSF, Web Services, RAD, GUI, Spring Security, Rabbit MQ, Kibana, Git, Maven, Gradle, Spring Data, Spring Batch, Quartz Scheduler, Hibernate, Microservices, RESTful services, Eclipse Java EE IDE, Jenkins, Spring Cloud-Netflix,  New Relic APM, Splunk, Node Package Manager(NPM), Oracle DB, MySQL, PostgreSQL Spring Data, Spring AOP, Spring Transaction Management, Spring Batch, RESTful Services, Kafka, Jasmine.

**Broadridge Financial Solutions, Hyderabad, India. Jun 2019 – Sep 2021**

**Java Developer**

**Responsibilities:**

* Involved in various phases of the Software Development Life Cycle (SDLC), including Requirement gathering, Design, Analysis, and Code development.
* Designed and developed the front end of the application using HTML, CSS, Backbone.js, JavaScript, and jQuery.
* Prepared user documentation with screenshots for User Acceptance Testing (UAT).
* Developed and implemented the MVC Architectural Pattern using Struts Framework, including JSP, Servlets, and EJB, Form Bean, and Action classes.
* Hands-on experience with MVC JavaScript frameworks such as Backbone.js, Angular.js
* Implemented server-side tasks using Servlets and XML
* Used parsers like SAX and DOM for parsing XML documents and used XML transformations using XSLT.
* Wrote stored procedures, triggers, and cursors using Oracle PL/SQL.
* Wrote JUnit Test cases for performing unit testing.
* Implemented Java/J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object, and Service Locator.

**Environment**: Java 1.5, JSP, JDBC, Spring Core 2.0, Struts 1.2, Hibernate 3.0, Design Patterns, XML, Oracle, PL/SQL Developer, Web services, SOAP, XSLT, Jira, GIT.

**Infosys, Hyderabad, India. June 2018– Jun 2019**

**Software Engineer**

**Responsibilities**:

* Developed UI screens using JSP, HTML, CSS, and JavaScript.
* Worked on JSP, Servlets, Struts framework, and production support issues for existing applications.
* Handled client & server validations using JavaScript & Struts validate plug-in.
* Utilized Java Collections API for handling data objects between business layers and the front end.
* Built and maintained SQL scripts, indexes, and complex queries for data analysis and extraction.
* Developed a business continuity plan for SQL Server Databases using JDBC drivers.
* Used Spring for Dependency Injection, plugging in Hibernate DAO objects for the business layer.
* Created an XML configuration file for Hibernate to map to SQLDB.
* Used JDBC to access the Oracle database for retrieving customer information.
* Utilized ANT-built tool for compiling and generating war files.

**Environment**: Core Java, HTML, CSS, J2EE, JSP, HTML, JavaScript, Servlets, JMS, Hibernate, DAO, Web Services, Oracle, ANT.

**Education:** Bachelor of Engineering & Technology in Computer Science and Engineering, Jawaharlal Nehru Technological University Kakinada (JNTUK), Graduated April 2018.