**Sripathi Hanumanthu**

**Lead Java Full Stack Developer**

Summary:

* Having 12 years of professional experience in the IT Industry involved in Developing, Implementing, and maintenance of various web-based applications using Java, J2EE Technologies.
* Experience in all phases of Software development life cycle (SDLC), which includes User Interaction, Requirement gathering, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment.
* Experience in working with different SDLC methodologies like Devops, Agile (SCRUM).
* Extensive experience in development, maintenance, and production support. Skilled in designing robust software solutions and optimizing performance.
* Strong technical skills in the areas of distributed technologies like JAVA, J2EE (JDBC, Servlets, JSP, JSF, AJAX, Hibernate, Spring, Web services).
* Worked across diverse domains: banking, finance, healthcare, Insurance, public sector.
* Skilled in creating Azure DevOps projects and building CI and CD pipelines in Azure DevOps.
* Understanding of object-oriented JavaScript, and JS analogies of classes, namespaces, modules, and other OO concepts.
* Practical knowledge and expertise working with frameworks like Spring Core, Spring MVC, Spring Data (Spring JDBC, Spring ORM), Spring Boot, Spring Cloud Config, Spring Cloud Gateway, JSF, Hibernate.
* Proficient in applying design patterns like MVC, Singleton, and Data Access Object.
* Skills working on C# coding in Azure domain and CMS website creation, Knowledge of Azure resources and Azure DevOps for managing Azure cloud storage.
* Well versed in building Micro Services using Spring Boot and deploying to AWS Cloud.
* Experience on practical implementation of cloud-specific AWS technologies including IAM, Amazon Cloud Services like Elastic Compute Cloud (EC2), Elastic Cache, Simple Storage Services (S3), Cloud Formation, Virtual Private Cloud (VPC), Route 53, Lambda, EBS.
* Used NodeJS Frameworks in the development of the web applications.
* Developed the web application with the newest React features centralized with Hooks, Later re-implemented the front end authentication with native React Context and used React.useContext as syntactic sugar.
* Expertise on using Amazon AWSAPI tools like: Linux Command line, puppet integrated AWSAPI tools.
* Technically proficient in Oracle, MySQL, Microsoft SQL Server, DB2, PostgreSQL Databases.
* Hands on using Azure API management, Resource Groups, Storage accounts and Application registrations for managing API.
* Created and maintained Database objects like Tables, Indexes, Views, Sequences and Synonyms
* Analyze, design, develop, as well as implement RESTful services and APIs
* Expertise inAngular JSframework and React JSframework and its ability to create simple and scalable code for SPA.
* Experience in Angular / React Js development using Test driven development (TDD) using unit testing frameworks such as Jasmine Protractor, Karma and Selenium
* Good working knowledge of AWS. Spring Boot, Spring Cloud, Docker, Maven, etc. in developing applications which use cloud based services, Working Experience on various AWS services like EC2, S3, ELB, EBS, RDS, ECS, ECR etc.
* Experience in cross platform development using DOJO and used Jenkins for CI/CD.
* Experience in Microservices Architecture with Spring Boot and Docker for container-based deployments.
* applications with Model View Architecture (MVC2) using Spring Framework and J2EE Design Patterns.

Technical Skills:

|  |  |
| --- | --- |
| Programming Languages | Java, JavaScript, SQL |
| Java & J2EE Technologies | Java, J2EE, JDBC, Hibernate, Servlets, Spring Framework, Java Beans, RESTful Web / Microservices |
| Web Technologies/Libraries | HTML, CSS, Bootstrap, Angular JS, ReactJS Apache Tomcat,Node.js, Web Logic, Web Sphere, JBoss, Eclipse, IntelliJ, STS, IBM RAD, ANT, Maven, SVN, Git, Log4J, SLF4J. |
| Databases | MySQL, Oracle DB, PostgreSQL, MS SQL server 2000, MY SQL, DB2, Toad for Oracle |
| Software Engineering | SDLC, Agile methodologies, Jira, Scrum, Design Patterns, Testing (UAT, Smoke) |
| CI/CD Tools | Jenkins, Azure DevOps, Ansible, Kubernetes, Docker |
| Tools | AWS (EC2, ELB, ECS, Lambda, RDS, S3 Storage, EKS), Git, Bitbucket, Postman, Jenkins, Docker, Kubernetes, Linux, Splunk, Kafka |
| IDE/ Testing Tools | Eclipse, IntelliJ, Visual basic, SOAPUI |
| Defect Tracking & Methodologies | Jira, Confluence, Waterfall, Agile & Scrum |

Professional Summary:

Client: Expedia Group Dec 2023 to Present

Role: Project Lead – Marketing Self-Service Enablement

Responsibilities:

* Involved in development of the customer portal application for a public sector client using Spring Boot and Microservices as backend and employed ReactJS to develop dynamic and interactive user interfaces, enhancing the overall usability and functionality of the application.
* Worked on maintenance and enhancement of internal legacy applications build on client propriety NextGen framework.
* Worked on Agile environment and participated in SCRUM meetings.
* Performed unit testing on various project modules using JUnit framework.
* Implement, integrate with external services through the REST API framework.
* Experience implementing Typescript interfaces in Angular applications for improved type-checking and catching errors at compile-time.
* Developed user interface by using the React JS. Redux for SPA development
* Involved in CI/CD process using GIT, Nexus, Jenkins job creation, Maven build Create Docker image and deployment in AWS environment.
* Developed Rest Api in Node JS using express service.
* Developed Kafka Messaging System in Api's to behave as Producer and Consumer using Kafka Wrappe
* Experience working with Single Page Application using Angular.
* Experienced in AWS Cloud platform and its features which include EC2 AMI, security groups, EBS Cloud watches, AWS Config. Auto-scaling, IAM and AWS S3.
* Expertise in implementing a Microservices with Spring Boot based services.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Involved in designing, developing and testing the web application by using the HTML5, CSS3, Bootstrap, and Reactjs
* Hands on experience in writing light weight Node.js express server, and using technologies like Ajax, JavaScript/jQuery.JSON to make connections between server and databases like MongoDB and MySQL.
* Utilized the Azure APIM DevOps Resource Kit to extract ARM templates of APIs created in Azure APIM.
* Built Restful Web services using Node.js and implemented front end using jquery and Angular.js
* Created automated CI/CD pipelines in Azure DevOps to move APIs between Development, Test and Productio environments
* Developed health insurance exchange using Spring Boot , Microservices with responsive web development using Angular.
* Used Spring Boot, ORM component for Hibernate support for database integration.
* Designed and developed web pages with HTML, CSS, Bootstrap, JavaScript, TypeScript, Ajax and Angular 9.
* Created Typescript reusable components and services to consume REST API’s using Component based architecture provided by Angular 9. Worked on WCM tool SDL Tridion to create responsive web page using razor template.
* Build REST web service by building Node.js Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
* Built Restful Webservices using Node.js and implemented front end using jquery and Angular.js
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
* Worked on Eclipse, MyEclipse IDEs for development, configured and deployed the application on to WebSphere Application Server.
* Used Log4j framework to log required information for debugging and reporting.
* Experienced in all phases of the SDLC with specific focus on Configuration Management, Cloud Infrastructure, Automation using various tools like GitHub, Terraform, Maven, Jira, Jenkins, Docker, Kubernetes.

Client: Expedia Group Jan 2020 to Nov 2023

Role: Sr Full Stack Java Developer

Responsibilities:

* Led the complete Software Development Life Cycle (SDLC) from analysis through to implementation and testing, employing agile methodologies such as SCRUM.
* Designed and implemented robust software systems, including operating systems, compilers, databases, and Internet tools, focusing on scalability and reliability.
* Orchestrated coding, programming, and integration activities aligning with project objectives and architectural blueprints, predominantly using Java.
* Developed Single Page Web Application with React.js, Redux, Express.js. Node.js, REST API, and MongoDB
* Used Zookeeper, to set the offset to the Api's and to prevent the lose of messages when passing from one API to another in the system.
* Engineered an express GraphQL library for seamless integration of GraphQL API servers on user-configured HTTP endpoints.
* Managed the scheduling, deployment, and scalability of container replicas within Kubernetes clusters to optimize resource utilization.
* Scripted liquid templates for API services created in Azure APIM using Visual Studio Code with Azure APIM extension installed.
* Built Restful Webservices using Node.js and implemented front end using jquery and Angular.js
* Created test suites for each service using Azure end-points in Ready API to test the services created in Azure APIM
* Cloud migration, deployment and integration of SOASTA Cloud test tool with CI/CD process using Jenkins and DynaTrace for continuous testing.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Developed and maintained automated test scripts using Selenium WebDriver for end-to-end testing of web applications.
* Leveraged JSON for efficient data interchange in GraphQL queries and mutations, ensuring integration efficiency.
* Applied Behavior Driven Development (BDD) and Test Driven Development (TDD) methodologies to ensure high-quality software delivery.
* Architected RESTful web services supporting JSON data format using technologies like Spring MVC, Spring Boot, SwaggerAPI, and MySQL.
* Implemented Java Message Service (JMS) with Active MQ for effective inter-service communication.
* Defined data modeling strategies for Couch base NoSQL databases to optimize performance and scalability.
* Designed and implemented CI/CD pipelines using OpenShift tools (Jenkins, GitHub) for efficient application deployment.
* Provided training and support on OpenShift best practices and containerization patterns.
* Utilized Apache Kafka for distributed messaging and stream processing to ensure reliable data exchange between microservices.
* Innovative individual with commendable experience in developing User Interface using Angular 4 framework. ReactiS, HTML. CSS, JavaScript.
* Selecting the appropriate AWS service based on compute, data, or security requirements, Integration of Amazon Web Services(AWS) with other applications infrastructure.
* Experience in React.js for creating interactive UI's using One-way data flow, Virtual DOM. JSX, React Native concepts.
* Designed and maintained high-availability NoSQL databases with Cassandra, focusing on performance and scalability.
* Implemented security measures using Spring Security for comprehensive authentication and authorization.
* Developed dynamic web pages using HTML5, CSS3, Bootstrap, JavaScript, jQuery, and React for single-page applications.
* Transformed monolithic applications into microservices architecture using Spring Boot, following the 12-factor app methodology.
* Conducted performance tuning and optimization of Couch base clusters for improved throughput.
* Conducted load and stress testing by integrating Selenium with JMeter.
* Developed asynchronous RESTful microservices using Spring Boot, MongoDB.
* Managed MongoDB operations including updates and data loading.
* Integrated applications with Amazon EC2 in AWS, leveraging Amazon Cloud Watch for monitoring and logging.
* Consumed RESTful web services using Angular HTTP Module and Svelte, optimizing data transformation with RXJS operators.
* Developed user interface by using the React JS. Redux for SPA development
* Developed CI/CD solutions for running an AngularJS application from a Tomcat container using Jenkins and Sonatype Nexus
* Configured and maintained virtual data centers in AWS Cloud Watch to support Enterprise Data and VPC.
* Implemented AWS solutions (EC2, S3, RDS, Elastic Load Balancer, Auto Scaling Groups) to optimize infrastructure performance.
* Customized content fields within SFDC to align with business requirements.
* Implemented DAO for MongoDB and utilized Redis for optimizing queries.
* Managed code repositories and performed CI/CD processes using Git, Jenkins, and Docker for streamlined deployments
* Developed Swagger UI documentation for REST APIs to facilitate integration.
* Practiced agile development methodologies with SCRUM, participating in sprints and stand-up meetings.

Environment: Java, AWS (SNS, Cloud Watch), React, JavaScript, HTML, CSS3, Kafka, Spring Boot, Microservices, NoSQL (MongoDB), PostgreSQL, Spring Security, Jenkins, Maven, Docker, Kubernetes.

Client:Linedata Capitalstream, Seattle May 2012 to 2020.

Role: Fullstack Developer

Responsibilities:

* Developed object-oriented analysis and design for the project, using the object-oriented paradigm throughout the lifecycle.
* Designed and implemented the web tier of the application using J2EE technologies like MVC framework, Servlets, JavaBeans, and JSP.
* Involved in maintaining and enhancing multiple areas of the application using Java-J2EE, Spring Framework, XML, Ajax, Web-services (Restful & SOAP), PL/SQL.
* Utilized Struts Framework to develop applications leveraging MVC architecture and implemented business processes such as user authentication and account transfer using Session EJB.
* Used Spring Framework for dependency injection, transaction management, AOP, and integrated it with Hibernate for the DAO layer and support.
* Created dynamic web pages and user interfaces using CSS, JavaScript, and Spring MVC, and handled asynchronous messaging with Java Messaging Services (JMS), Kafka.
* Developed and optimized SQL queries, stored procedures, and database structure using DB2 and PL/SQL, ensuring efficient database connectivity via JDBC.
* Used NodeJS Frameworks in the development of the web applications
* Conducted extensive testing with JUnit, used Log4J for logging runtime exceptions, and provided system development and support across all stages of the software development lifecycle.
* Developed controllers in Groovy to streamline front-end and back-end communication, reducing code complexity.
* Utilized Elastic search for efficient JSON data handling and searching in REST APIs.
* Managed version control with GIT, including GIT-Bash and GitHub for collaborative development.
* Automated deployments and configuration management using Ansible playbooks.
* Ensured high availability and load balancing by deploying applications on multiple WebLogic Servers.
* Utilized MongoDB for NoSQL database operations, specifically for Ethernet provisioning and order tracking.
* Contributed to microservices development for web and mobile platforms using Angular, and supported continuous improvement with alternative technologies and solutions, including technical support during releases and deployment.
* Developed and deployed applications on AWS Cloud, leveraging cloud services for scalability, reliability, and efficient resource management.

Environment: Java, AWS (SNS, Cloud Watch), React, JavaScript, HTML, CSS3, Kafka, Spring Boot, Microservices, NoSQL (MongoDB), PostgreSQL, Spring Security, Jenkins, Maven, Docker, Kubernetes.

Client: HCL Technologies, Chennai India DEC 2010 to Mar 2011

Role: Software Engineer

Responsibilities:

* Designed and developed scalable web applications using Java/J2EE technologies including Spring MVC, Servlets, and JSP, ensuring alignment with project goals.
* Created UML diagrams (use case, class, sequence, collaboration) to outline application architecture and document technical specifications.
* Developed dynamic web pages using HTML and JSP, incorporating Struts tag libraries and JavaScript for client-side validation and form validation.
* Managed database operations with PL/SQL queries and Oracle stored procedures and used Hibernate Framework for object-relational mapping and database interaction.
* Implemented rigorous unit and integration testing practices, including JUnit test cases, to validate application functionality and reliability.
* Utilized Eclipse for development and managed version control with GIT, deploying applications using WebSphere Application Server.
* Experience implementing Typescript interfaces in Angular applications for improved type-checking and catching errors at compile-time.
* Experience working with Single Page Application using Angular.
* Provided on-call support for production environments, ensuring the stability and performance of applications in real-world deployments.

Client: HONEYWELL TECHNOLOGIES, Bangalore India DEC 2008 to Mar 2010

Role: Software Intern

Responsibilities:

* Implemented Java Servlets to run on Tomcat Server Development of UI with flex on j2ee platform.
* Involved in designing GUI and Coding
* Conduct the Unit Test Plan before the deliveries. Involved in packaging the product for releases.