

Siva Yendluri

SOFTWARE ENGINEER | FULL- STACK JAVA DEVELOPER | SOFTWARE DEVELOPER

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Around 4 years of excellence in full-stack Java and software application development for Health, Banking, and Retail domains. Delivered 15+ client-server apps, distributed systems improving efficiency by 25% using object-oriented design, data structures, algorithm design, problem solving and complexity analysis. Technical leader in high-volume, low-latency systems using Agile, Waterfall, and Scrum. Eager to drive innovation with advanced technologies.

PROFILE SYNOPSIS

- Accelerated deploying critical **Object-Oriented (OOP) Software application development** in Java and J2EE technologies like MVC Architecture, Controller, Data Access Object for building J2EE Applications.
- Implemented **Continuous Integration (CI)** and **Deployment (DevOps)** for **Micro services** with tools such as Jenkins, Docker and OpenShift while installing, configuring, tuning Oracle WebLogic Server, Apache Tomcat, JBoss systems.
- Competent in developing web applications with backend development such as **MVC Architecture** using **Struts and Spring Framework** while developing custom tag libraries for **JSP Pages** within set procedures.
- Designed professional **UI/UX web applications** using **front-end technologies** such as HTML5, DHTML, CSS, **JavaScript**, XML, XHTML, jQuery, AJAX, JSON, Angular and ReactJS.
- Implemented **Angular 12** services to securely connect the web application to back-end APIs, enabling data POST/GET operations and employing form-based authentication with HTML, **Angular Router**, and **Typescript**.
- Designed responsive UI pages using HTML5, CSS, JavaScript, and **ReactJS**, and created reusable **React components** for the application, employing **props** for single-directional data flow and managing state for **Class components**.
- Experienced in **designing the schema model** and logical flow of the **Security Model module** and Data Management Platform (DMP) while conducting **Kafka** for asynchronous communication between distributed micro service systems.
- Proficient in deploying **Spring framework** features like MVC (Model View Controller), AOP (Aspect Oriented Programming), Spring Batch, Spring Security, IOC (Inversion of Control), Spring Cloud, DAO (Data Access Object) and template classes.
- Upgraded **NoSQL, RDMS & SQL databases queries and database architecture** while draft builds using **MAVEN, ANT** as build tools for building deployable **artifacts** extracted from source code.
- Pioneered **Restful APIs, SOAP, Spring, Spring boot, Hibernate, Micro-Services** and application developments using Java, Hibernate, JAX-WS, JAX-RS and JAXB.
- Hands on **Unit Testing** using JUnit & Mockito, and **Version control systems** such as **SVN, GIT and GITHUB** to ensure tracking the changes in source code.
- Understanding the evolving nature of diverse workforce complexities, business growth opportunities and competitors to attain set corporate goals within agreed budgetary norms.
- Strong **presentation, leadership** and excel **relationship building, interpersonal** skills with **stakeholders** and clients at all levels of management.
- High degree of collaborative professional along with analytical, problem-solving, presentation; prepared under fast-paced environments while maintaining a high degree of accuracy.
- Experience applying software design patterns, data structures, algorithms.
- Established projects with epics, features, and user stories which portrayed troubleshooting skills, innovative skills like Information System Operations, teamwork, Business Driven Design (BDD), Risk Analysis and Mitigation Planning, Stakeholder Coordination, Software and Database Management, Cluster and JIRA management, Project Planning and Execution, Product and Application Designing, Struts and Spring Operations, Application System Validation, Testing with best practices, continuous improvement, and Strategy Modelling.

TECHNICAL PROFICIENCY

- **Programming/Scripting Languages:**
C, Core Java, Java 1.7,1.8, SQL, Bash, Python
- **Technologies/Frameworks:**
JSP 2.1, Servlets, Spring, Struts, Hibernate, Java EE, Spring Boot, Spring Security, JDBC, JMS
- **Web Technologies:**
HTML 5, CSS3, JavaScript, ReactJS, AngularJS.
- **Relational Databases:**
Oracle 11g, MySQL, PostgreSQL, DB2, PL/SQL, TSQL scripts
- **NoSQL Databases:**
MongoDB
- **IDEs:**
Eclipse, Spring Tool Suite, IntelliJ
- **Amazon Web Services:**
Load Balancer, Lambda, S3, RDS, DynamoDB, VPC, Route53, IAM, CloudFormation, CloudWatch, CloudTrail, Code Build, Code Commit, Code Deploy, Code Pipeline, EC2 Container Service, Glue, EBS, Elastic Beanstalk, Security Groups, SQS, SNS, Lambda functions.
- **Operating Systems:**
Windows, Unix/Linux
- **SDLC Methodology:**
Agile, Waterfall model
- **Version control tools:**
GIT, Subversion (SVN), Bitbucket, GitHub
- **Web Servers:**
WebLogic, Apache Tomcat, WebSphere servers, JBoss
- **CI/CD Tool:**
Jenkins
- **IaC Tool:**
Terraform, CloudFormation templates, Pulumi.
- **Bug Tracking and Build tools:**
JIRA, SonarQube, Maven
- **Containerization tools:**
Docker, Kubernetes
- **Testing tools:** Selenium, Junit, Cucumber, Mockito, JEST, Chai, Mocha.

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect
- Hashi Corp Terraform Associate

EDUCATION

- **Southern Arkansas University, Magnolia, AR**
Master's in science – Computer Science – 2023
- **PRIST University, India**
Bachelor of Technology– Electronics Engineering – 2020

PROFESSIONAL EXPERIENCE

Client: Amazon, NY

Jun 2024 - Present

Role: SDE (Software Development Engineer).

IT Skills Displayed: GIT | Brazil | Datapath | JAVA | Typescript | AWS | Junit | Java | J2EE | Springboot.

Responsibilities:

- Led the global Delivery Experience (DEX-Clarity) team, innovating and enhancing the shopping experience for millions of Prime customers worldwide.
- Collaborated with cross-functional teams to design and implement new features for the Prime Delivery service, ensuring a world-class customer experience.
- Architected scalable, low-latency, and intelligent solutions across the full stack, leveraging AWS technologies and adhering to industry standards.
- Developed clean, maintainable code in Java and JavaScript, utilizing frameworks like Spring Boot and React for full-stack development.
- Participated in Agile development practices, delivering features iteratively, and continuously improving processes through feedback and retrospectives.
- Conducted code reviews, wrote unit tests, and ensured code quality and security standards were maintained throughout the software development lifecycle.
- Troubleshoot and debugged issues, monitored system performance, and implemented optimizations for high availability and reliability.
- Implemented CI/CD pipelines to automate the build, test, and deployment process, ensuring smooth deployments with minimal downtime.
- Documented architectural decisions, design patterns, and system configurations, and shared knowledge with team members through code reviews and documentation updates.
- Stayed updated on industry trends and best practices related to e-commerce, delivery logistics, and customer experience, incorporating them into the development process.
- Prioritized features that enhance the Prime Delivery experience and delight millions of customers worldwide, keeping the customer at the forefront of decision-making processes.

Client: Regions Bank, Hyderabad, India

Jan 2022 – Jun 2024

Role: Software Developer

IT Skills Displayed: J2EE | HTML | CSS | JavaScript | AJAX | Angular JS | Spring Java -MVC | Spring-boot | Spring Core | Spring-data | Jenkins | Git | Grunt | JPQL | Cassandra | Change Management | REST | Web Services | Microservices | Soap UI | Maven | Oracle | SQL | SQL scripting | UNIX | Windows | Mocha.

Responsibilities:

- Maintained Agile management process and Scrum meetings, Integration, User Acceptance and Production testing solution liaising with vendors to ensure the cohesiveness of systems integrations and assist in troubleshooting technical problems.
- Developed a set of data variables to convert old data from a source table to Avro format and place it into Kafka using Camel.
- Created REST API & Batch processes using Spring-boot modules and import data from sources to Cassandra cluster using Java API's.
- Implemented Java 8 features (lambda, Time API, Streams, functional interfaces, collectors, default methods) in 8 projects, leading to a 25% reduction in code complexity and streamlined data processing.
- Maintained Apache Cassandra database to store and retrieve application data with key spaces through Data tax CQL query process.
- Configured Jenkins server and set up self-operating build pipeline jobs with Groovy scripting to provide continuous integration for projects stored in Git, yielding 50% less build efforts and a 60% decrease in build errors.

- Deployed Docker swarm orchestration and Docker containerization, Kubernetes, and Jenkins pipelines to drive all microservices techniques.
- Developed custom directives in Angular.js for 6 projects, resulting in a 20% improvement in code maintainability and a 15% reduction in development time.
- Successfully integrated React with Java back-end systems for 4 projects, ensuring a 25% improvement in data flow efficiency and real-time updates through the implementation of RESTful APIs and WebSocket communication.
- Managed Information System Operations using Spring IOC feature with focus to extract Hibernate session factory and resolve various bean dependencies in time.
- Deployed spring framework with AOP features and JDBC module features to persist the data into the relational database systems.
- Utilized GraphQL to streamline data fetching by allowing clients to request only the data they need, reducing unnecessary data transfer along with batching and caching strategies to enhance performance.
- Implemented Log4J to trace logs, track information and participated in code reviews for creating efficient system Code. Utilized AngularJS's two-way data binding to create dynamic and responsive user interfaces, services, and components for state management, ensuring a seamless user experience.
- Used Postman with JSON and develop payment process using JavaScript Angular.js, and Node.js with MVC architecture.
- Successfully modified Cassandra and Cassandra-env.sh to configure properties - node addresses, Memtables size & flush times.

Client: Blue Cross Blue Shield, Pune, India

July 2020 – July 2021

Role: Jr Web Developer

Responsibilities:

IT Skills Displayed: Java | J2EE | JavaScript | EJB | JMS | JAX-RS | Spring-boot | Spring-core | Spring MVC | Kafka | Hibernate | JUnit | Angular | HTML | CSS | TOAD | Putty | etl | Cassandra | Mongo DB | Soap UI | RESTful | Web Services | Microservices | UNIX | Windows | Chai.

Responsibilities:

- Designed client-side and server-side architecture and built the front-end of applications through appealing visual design.
- Managed effective APIs, tested software to ensure responsiveness and efficiency to troubleshoot, debug and upgrade software.
- Implemented security settings for 5 features and applications, achieving a 20% improvement in web responsiveness and zero security breaches over 1 year which decreased the latency of the Application.
- Used Amazon Web Services (AWS) like EC2, S3, RDS, Cloud watch and Cloud front for promote code in several environments.
- Implemented IOC/Dependency Injection features in the Spring Framework such as Core, JDBC, AOP, MVC, and DAO tools.
- Executed OAuth2 authentication in Java applications, fortifying security measures and achieving a 25% reduction in code intricacy, concurrently optimizing data processing efficiency.
- Managed and monitored 3 Cassandra clusters, resulting in a 20% improvement in database performance and proactive resolution of 15 database issues.
- Implemented CI/CD pipelines using tools like Jenkins or GitLab CI to automate builds, tests, and deployments.
- Performed unit testing using JUnit, integration, and deployment of applications tools ANT and Maven debugging through Log4j.
- Implemented and maintained Single Sign-On (SSO) solutions using SAML and OpenID, ensuring secure and seamless authentication across multiple applications.
- Efficiently designed functionality to get JSON document from Mango DB document to share with client by RESTful web services.
- Utilized Java, J2EE, Spring Core, and Hibernate for backend development in 5 projects, resulting in a 25% reduction in system response time and the implementation of a scalability architecture.
- Deployed AngularJS, HTML5, and CSS for front-end development in 4 projects, leading to a 20% improvement in user experience and the successful implementation of a responsive design.
- Successfully implemented consumer asynchronous stream processing and search APIs using data indexing on Elastic search.