

PHANINDRA KUMAR YENDLURI

Software Engineer | Full Stack Developer | Software Web Developer | Application Developer

+1-7799020081 | <https://www.linkedin.com/in/siva-y-548615285> | sivayendluri17@gmail.com

Around 4 years of excellence in Frontend, Java and software application development, deployment lifecycle and planning business models by managing product operations and spring framework. Looking forward to undertake systems analysis/development and Java management while empowering communications between developers and stakeholders.

PROFILE SYNOPSIS

- Adroit in all aspects of full **software development lifecycle**; designing, testing, maintenance, delivering and managing Java-based applications for complex systems/products. Provided Risk Analysis and compliance and Mitigation Planning in User & Functional Requirement Specifications to designers and developers in emerging technologies.
- Experienced in utilizing **Agile, Waterfall** and scrum methodologies while building **RESTful APIs** with diversified **NoSQL** storage engines that allow other groups to access fast data processes.
- Skilled in software configuration management using **GIT** and **SVN** and deploying **Spring framework**, RESTful API, **REST web service**, **SOAP API** design and **JIRA** tool for bug tracking.
- Adept in developing Java/J2EE technologies, **Object Oriented Programming (OOP)**, **Object-Oriented Design (OOD)** Methodologies, container-based deployments, and **Cassandra** Architecture.
- 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.
- Implemented DevOps Continuous Integration (CI) and Deployment for **Micro services** with tools such as **Jenkins, Docker** and **OpenShift** while installing, configuring, tuning **Oracle WebLogic Server, Apache Tomcat, JBoss** systems.
- Proficient in deploying **Kubernetes, Maven**, Embedded Tomcat Server, and hands on experience with **Unit Testing** using **JUnit & Mockito**, and Version control systems such as **SVN, GIT and GITHUB** to ensure tracking the changes in source code.
- Experienced in **Amazon Simple Storage Services (S3)**, Amazon Dynamo DB, Amazon Simple Queue Service (SQS), Amazon **Simple Notification Service (SNS)**, Amazon Simple Workflow Service (SWS), AWS Elastic Beanstalk & AWS Cloud Formation.
- 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, spring boot, **Angular Router**, and **Typescript**.
- Expertise in sound judgment, monitoring, process improvement, collaborative, adept project planning, continuous improvement, proficient problem-solving, and innovative methodology development, automated testing, ensuring seamless integration, error-free execution, and exceptional client satisfaction and adept in Developing Software Design patterns and Data Structures and Algorithms.

TECHNICAL SKILLS

- **Languages:** Core Java, Java 7/8/11, JavaScript, Bash, Python, shell script.
- **JAVA/J2EE Technologies:** J2EE, Servlets, JSTL, JUnit, JS Unit, JSP, JMS, JDBC, Java Mail Hibernate, Spring MVC, Web Services, JAX-RPC, RESTFUL, Spring Boot, Spring Data, Spring Cloud.
- **Application/Web Servers:** Web Sphere, WebLogic, Tomcat, Microservices (SOAP, REST).
- **Cloud Services:** Amazon Web Services (Load Balancer, Lambda (serverless), S3, RDS, DynamoDB, VPC, ECS, Route53, IAM, CloudFormation, CloudWatch, CloudTrail, Code Build, Code Commit, Code Deploy, Code Pipeline, EC2 Container Service, EBS, Elastic Beanstalk, Security Groups, SNS, SQS, EKS, VPCs), GCP, Azure (Virtual Machines, Virtual Networks, Subnets).
- **Databases:** Oracle, MySQL, Cassandra, Postgres SQL, MS SQL-Server, PL/SQL, Redis Cache.
- **Web Technologies:** AJAX, HTML5, Java Script, XML, CSS3, AngularJS (Typescript), ReactJS, React, redux, webpack.
- **Design Tools and IDE's:** Eclipse, Net-beans, IntelliJ, STS4, Visual Studio.
- **Testing Tools:** Jasmine, Selenium, Karma, Junit, Mockito, Mocha, Chai.
- **Operating Systems:** UNIX, Linux, Windows 10.
- **Others:** Maven, Jenkins, Apache Kafka, RabbitMQ, ActiveMQ, selenium, Log4J, CVS, Git, Docker, Kubernetes, Datadog, Helm charts, Gitlab, GitHub, bitbucket, Ansible, Terraform, JIRA, SonarQube, Agile, Waterfall model, Test Driven Development (TDD).

EDUCATION

- Master of Science – Computer Science (2021-2023)
- Southern Arkansas University (Research Assistant)
- BTech-Computer Science - PRIST University (2016-2020)

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate
- Terraform Associate

WORK EXPERIENCE

Amazon SDE, NY.

Jun 2024 - Present

SOFTWARE 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.
- Troubleshot 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, Nj

Jan 2022-Jun2024

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 **Graph QL** 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

July 2020-July 2021

JUNIOR WEB DEVELOPER

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.