Suryateja Chennapragada

Full Stack Developer | (513) 278-3959 | suryateja22108@gmail.com | LinkedIn

Professional Summary

Experienced Java Full Stack Developer with **4+** years of expertise in building scalable web applications across financial and healthcare sectors. Proficient in crafting backend microservices with **Java**, **Spring Boot**, and **Hibernate**, and developing responsive front-end interfaces using **Angular**, **React**, and **Node.js**. Adept at securing applications through role-based authentication and authorization, and deploying cloud-native solutions on **AWS**, **Google Cloud** and **Microsoft Azure**. Strong background in **CI/CD automation**, Agile practices, and cross-functional collaboration to deliver effective, business-aligned solutions.

Technical Skills

- **Backend & Frameworks:** Spring Boot, Spring MVC, Spring Batch, Spring Cloud, Spring Security, NodeJS, Hibernate
- **Frontend Technologies:** HTML5, CSS3, Bootstrap, JavaScript, React, Redux, React Hooks, Angular, AJAX
- **Cloud Platforms:** AWS (EC2, S3, Lambda, EKS, ECS, Cloud Foundry), Microsoft Azure, Google Cloud Platform
- **DevOps & CI/CD Tools:** Jenkins, Git, GitHub, Bitbucket, Maven, Gradle, Terraform, CI/CD Pipelines, Code Review
- **Programming Languages:** Java, JavaScript, Python, TypeScript, C
- **Messaging & Event Streaming:** Apache Kafka, Spring Kafka API, RabbitMQ, Apache ActiveMQ
- **Databases:** MySQL, MongoDB, PostgreSQL, SQL Server, DynamoDB, H2, NoSQL, Cassandra
- **UI Component Libraries:** Ant Design, Material UI, Chart.js, D3.js, Styled Components
- **Testing & Documentation:** JUnit, Mockito, Postman, Swagger, SonarQube
- **Monitoring & Logging:** Amazon CloudWatch, Splunk, New Relic, log4j
- **Containerization & Orchestration:** Docker, Kubernetes
- **Operating Systems:** Linux, UNIX, Windows

Work Experience

Java Full Stack Developer   **Apr 2024 – Present**
Capital One | McLean, VA

- Develop customer onboarding workflows and credit card transaction modules in **Java 17**, **Spring Boot**, **Kafka**, and **AWS Lambda**, architected for asynchronous processing and enhanced system responsiveness.
- Led the redesign of digital card dashboard interface with **React.js**, **TypeScript**, and **Redux Toolkit**, ensuring ADA compliance, lazy loading, and secure access through **OAuth2**.
- Assemble modular UI components using **React.js** and **Angular**, integrating **Redux** and **RxJS** for state handling, route guarding, and fast-rendering SPAs.
- Construct reusable component libraries and dashboards in **Angular 15**, configured through micro-frontend architecture and REST APIs to visualize user activity and promotions.
- Build server-side applications with **Node.js** and **Express.js** to handle document upload, identity verification, and fraud detection, backed by **DynamoDB** and **S3** storage.
- Standardize integration of **RESTful** and **GraphQL** APIs across services in **Java**, **Node.js**, and **Express**, standardizing header-based encryption and **JWT**-based authorization access.
- Orchestrate AWS services (**Lambda**, **S3**, **API Gateway**, **CloudWatch**) to decouple components, improve fault tolerance, and monitor system performance in a serverless environment.
- Deliver microservices with **Spring Boot**, **Docker**, and **AWS ECS**, emphasizing containerization, fault isolation, and horizontal scalability.
- Configure CI/CD pipelines via **GitHub Actions**, **Maven**, and **Jenkins** to automate testing, code analysis, artifact deployment, and rollback workflows.
- Utilize Agile principles and tools such as **JIRA**, **Confluence**, and **Bitbucket** for sprint planning, backlog grooming, and version control; authored unit and integration tests with **JUnit**, **Mockito**, and **Postman** to ensure code reliability.

Environment: Java 17, Spring Boot 3.x, React.js, Angular 15, TypeScript, Node.js, Express.js, AWS (Lambda, API Gateway, S3, ECS, DynamoDB, CloudWatch), Docker, Jenkins, GitHub Actions, Kafka, PostgreSQL, REST API, GraphQL, OAuth2, JUnit.

Software Developer   **Oct 2021 – Jul 2023**
Cognizant | India

- Architected and scalable REST APIs with **Java 11**, **Spring Boot**, and **Hibernate** to process real-time claims submission and retrieval through encrypted channels.
- Crafted responsive UI for patient and provider dashboards in **Angular 14** and **Bootstrap**, tailored for cross-device access and role-based rendering.
- Designed dynamic, modular UI components in **Angular**, **React** and **TypeScript**, structured for seamless routing, lazy loading, and error boundaries in SPAs.
- Developed admin modules and patient eligibility views in **React.js**, connected to backend APIs via **Axios**, implementing session timeout and token refresh flows.
- Constructed RESTful APIs and web applications with **Java**, **Spring Boot** and **Node.js**, applying **SOLID principles** and Swagger documentation for standardization.
- Built backend microservices powered by **Kafka** and **RabbitMQ**, streamlining real-time data transfer between claim engine and provider systems.
- Leveraged AWS services such as **S3, SNS,** and **CloudWatch** to support scalable storage, asynchronous communication, and observability across microservices.
- Integrated CI/CD pipelines through **Jenkins**, **Git** and **Maven**, ensuring automated builds, test execution and rollback mechanisms in case of failed deployments.
- Collaborated cross-functionally with QA, DevOps, and product teams to streamline feature delivery, eliminate blockers during sprints in Agile environments employing tools like **JIRA**, **Bitbucket**, and **Confluence**.

Environment: Java 11, Spring Boot, Angular 14, React.js, Node.js, Express.js, Kafka, RabbitMQ, AWS (S3, SNS, ECS, CloudWatch), Docker, Jenkins, Git, Maven, PostgreSQL, REST API, OAuth2, JIRA, Agile/Scrum.

Java Full Stack Developer   **Jan 2021 – Sep 2021**
Deloitte | India

- Spearheaded the design of EHR and appointment scheduling services built with **Java**, **Spring Boot**, and **Hibernate**, delivering secure REST APIs for hospital and vendor integration.
- Developed patient dashboards with **Angular** and **RxJS**, to render real-time visualization of lab results, prescriptions, and appointment status on responsive web interfaces.
- Initiated development of middleware in **Node.js** and **Express.js** to route frontend applications with backend microservices, enabling seamless data flow and third-party API consumption.
- Implemented robust authentication and role-based access control with **Spring Security** and **JWT**, ensuring **HIPAA-compliant** data access for patients, providers, and administrators.
- Integrated backend services with **MySQL** databases and configured **Azure Blob Storage** for scalable, encrypted document storage supporting patient records and reports.
- Collaborated with cross-functional teams and business analysts to translate client requirements into scalable full-stack modules deployed on **Azure App Services** and staging environments.
- Containerized backend microservices using **Docker** and deployed them to **Azure Kubernetes Service (AKS)**, automating **CI/CD** pipelines through **Azure DevOps** for faster delivery.
- Wrote unit and integration tests using **JUnit**, **Mockito** and **Postman**, ensuring high-quality code and reducing defects with automated test suites in CI pipelines.

Environment: Java, Spring Boot, Angular, React.js, Node.js, Express.js, Azure Blob Storage, Azure App Services, Azure Kubernetes Service (AKS), Docker, Azure DevOps.

Education:

M.S. in Information Technology, University of Cincinnati, OH
Bachelor of Technology in Electronics & Electrical Engineering, GMR Institute of Technology, India

Certifications:

- [AWS Certified Developer – Associate, Amazon Web Services (AWS)](#)   **Jul 2025**
- [Software Engineering Job Simulation, JPMorgan Chase & Co (Forage)](#)   **Jun 2025**