# Sandeep Reddy Yeruva
## Java Full Stack Developer
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## Professional Summary

**Java Full Stack Developer** with **3.5 years** of experience in designing, developing and deploying scalable web applications across banking, healthcare and IT service domains. Expertise in **Java**, **Spring Boot**, **Hibernate**, **RESTful APIs** and **cloud-native development** on AWS. Proficient in building rich, responsive user interfaces using **React.js** and **Angular**, with a strong understanding of microservices architecture, CI/CD pipelines (Jenkins, Docker) and Agile/Scrum methodologies. Adept at collaborating with cross-functional teams to deliver high-quality, secure and customer-centric solutions. Passionate about continuous learning and delivering innovative technology solutions aligned with business goals.

## Technical Skills

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

## Work Experience

**Java Full Stack Developer**                                                                                              **Jun 2024 – Present**
**Varo Bank | Newark, CA**

- Developing and enhancing customer-facing digital banking features, including account onboarding, transaction history and fund transfer modules, using Java (Spring Boot) on the backend and React.js on the frontend.
- Designing, developing & implementing secure and scalable **RESTful APIs** to facilitate seamless communication between mobile banking applications and internal **microservices**, enhancing system interoperability & performance.
- Building and optimizing highly available, **cloud-native microservices** deployed on **AWS** using **ECS** and **Lambda** for real-time balance updates, **KYC** verification processes and fraud detection workflows.
- Collaborating closely with **Product Owners**, **UX/UI teams** and business stakeholders during **Agile** ceremonies like daily standups and sprint reviews to translate business requirements into performant **full-stack solutions**.
- Integrating and maintaining third-party services such as **Plaid** for bank account aggregation and **Twilio** for **OTP authentication**, ensuring strict compliance with **SOC2**, **PCI-DSS** and other regulatory **security standards**.
- Developing robust and scalable **web applications** using **Java**, **Spring Boot**, **Hibernate** and modern **JavaScript frameworks** such as **React.js** and **Angular** to deliver rich and responsive user interfaces.
- Implementing and maintaining **CI/CD pipelines** leveraging **Jenkins**, **GitHub Actions**, **Docker** and **Kubernetes** to automate code builds, testing processes and deployment workflows across multiple **cloud environments**.
- Utilizing various **AWS services** including **EC2**, **S3**, **RDS** and **Lambda** to design, develop and deploy **full-stack cloud applications**, ensuring high system availability, fault tolerance and cost-efficiency.
- Performing comprehensive **end-to-end testing** using **JUnit** and **Mockito** for backend services & **Jest** and **Cypress** for frontend applications, consistently achieving and maintaining over **95% code coverage**.
- Following **Agile Scrum methodologies** rigorously by participating in sprint planning, backlog grooming sessions and detailed **code reviews** while collaborating with cross-functional teams to meet critical release deadlines.

**Environment:** Java 11/17, Spring Boot, React, Spring Security, Kafka, MongoDB, Azure, Docker, Kubernetes, Jenkins, JPA, REST APIs, JUnit, Agile (Scrum).

**Java Full Stack Developer**                                                   **May 2023 – May 2024**
**Concentrix | India**

- Developed **CRM** & **customer service web applications** using **Java (Spring Boot)** for backend services and **Angular** for frontend UI, delivering scalable and efficient solutions to support multiple client projects across diverse industries.
- Implemented a robust **microservices architecture** for various customer engagement modules, developing secure **REST APIs** with **JWT authentication** & **OAuth2 standards** to ensure secure data transmission and user privacy.
- Integrated external **APIs** such as **payment gateways** and third-party CRMs like **Salesforce**, while managing data synchronization tasks using **Apache Kafka** for real-time messaging and ensuring consistent data flow across systems.
- Optimized **SQL** and **NoSQL database queries** in **MySQL** and **MongoDB** to significantly enhance application performance, achieving a 25% reduction in **API response times** and improving overall system responsiveness.
- Collaborated effectively with onshore & offshore teams in an **Agile (Scrum)** environment, working closely with **Business Analysts** & other stakeholders to ensure timely delivery of sprint goals & to maintain production stability.
- Built and deployed scalable full-stack applications using **Java**, **Spring Boot**, **Hibernate** and modern frontend frameworks such as **Angular** and **React.js**, delivering flexible solutions that meet the unique needs of clients.
- Configured **CI/CD pipelines** using **Jenkins**, **Maven** and **Docker** to automate the entire build, test and deployment processes, enabling faster delivery and ensuring continuous integration across various environments.
- Implemented secure **REST APIs** and consumed third-party services while ensuring effective **error handling**, **logging** and **monitoring** using tools like the **ELK Stack** (**Elasticsearch**, **Logstash**, **Kibana**) to enhance system observability.
- Wrote comprehensive **unit**, **integration** and **API tests** using **JUnit**, **Mockito** and **Postman**, achieving over **90% test coverage** and significantly reducing defect leakage into production environments.

**Environment:** Java 11, Spring Boot, Spring MVC, Hibernate, REST/SOAP APIs, AngularJS, RabbitMQ, Docker, AWS EC2/S3/Lambda, Cloud Foundry, Jenkins, Git, JIRA, JUnit, Agile.

**Software Engineer**                                                         **Jan 2021 – Jul 2022**
**Cloudnine Group of Hospitals | India**

- Assisted in the development of a patient **appointment booking system**, using **Java (Spring MVC)** for backend processing & basic **React.js** components for frontend user interaction, enhancing the booking experience for patients
- Contributed to building modules for **electronic health records (EHR)**, implementing secure **RESTful services** and integrating third-party **APIs** for laboratory reports, ensuring seamless data exchange between healthcare systems.
- Worked closely with senior developers to enhance **hospital billing automation** by integrating backend workflows with **Oracle SQL databases**, streamlining payment tracking processes for improved financial management.
- Collaborated with **QA** and **testing teams** to troubleshoot, debug and fix issues in patient management and doctor scheduling systems, leading to significant improvements in application stability and user experience.
- Actively participated in **Agile sprint ceremonies**, including daily standups, sprint planning, gaining exposure to the complete **SDLC** (Software Development Life Cycle) processes in a dynamic healthcare IT environment.
- Developed robust backend services using **Java**, **Spring Boot** and **Hibernate**, while building interactive frontend interfaces using **React.js** and basic **Angular**, delivering effective solutions to meet business requirements.
- Implemented secure **RESTful APIs** for efficient data exchange between client-facing healthcare applications and backend systems, adhering to strict communication protocols such as **HTTPS** and **OAuth2** for data security.
- Wrote comprehensive **unit tests** and **integration tests** using **JUnit** and **Mockito** to validate backend code and assisted in frontend testing using **Jest**, ensuring high-quality, bug-free releases.
- Worked with relational **databases** like **MySQL** and **PostgreSQL** to perform **CRUD operations**, optimizing database queries to improve application performance and responsiveness.
- Supported continuous integration & deployment activities by integrating source code with **Git**, **Maven** & basic Jenkin CI/CD **pipelines**, automating build and deployment processes to enhance development efficiency and delivery speed.

**Environment**: Java 8, Spring Boot, Hibernate, REST APIs, HTML5, CSS3, JavaScript, Bootstrap, RabbitMQ, MySQL, Git.

**Education:**

**Masters in Computer Science from California State University, Sacramento, CA, USA.**
**Bachelors in Computer Science from Acharya Nagarjuna University, India.**