Sandeep Reddy Yeruva
Java Full Stack Developer | Software Engineer
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PROFESSIONAL SUMMARY:

Full Stack Java Developer with 3.5 years of experience delivering scalable web and cloud applications in banking, healthcare, and enterprise services. Proven success in designing Java/Spring Boot microservices, building responsive UIs with React.js and Angular, and deploying cloud-native solutions on AWS. Recently integrated AI/ML capabilities into digital banking, including fraud detection models and chatbot-driven customer support, reducing fraud false positives by 22% and improving self-service adoption by 15%. Skilled in CI/CD automation, API development, and database optimization, consistently driving performance gains, cost savings, and measurable business impact.

TECHNICAL SKILLS:

- **Programming Languages:** Java, Python, JavaScript, TypeScript, Bash/Shell, C#, C++
- **Frontend Technologies:** React.js (Hooks, Redux), Angular, Node.js, HTML5, CSS3, Bootstrap, AJAX
- **Backend & Frameworks:** Spring Boot, Spring MVC, Spring Batch, Spring Cloud, Spring Security, Hibernate
- **AI/ML & Data Tools:** AWS SageMaker, TensorFlow (basic), Machine Learning APIs, NLP-based Chatbots, AI-driven Fraud Detection, Sentiment Analysis, Data Pipelines (Kafka, Spark)
- **Messaging & Event Streaming:** Apache Kafka, Spring Kafka API, RabbitMQ, Apache ActiveMQ
- **Cloud Platforms:** AWS (EC2, S3, Lambda, ECS, EKS, RDS), Azure, Google Cloud Platform (GCP)
- **Containerization & Orchestration:** Docker, Kubernetes
- **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB, Cassandra, SQL Server, NoSQL
- **DevOps & CI/CD Tools:** Jenkins, GitHub Actions, Bitbucket, Maven, Gradle, Terraform, Automated CI/CD Pipelines
- **Monitoring & Logging:** Amazon CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, New Relic, log4j
- **Testing & Documentation:** JUnit, Mockito, Jest, Cypress, Postman, Swagger, SonarQube
- **Project & Agile Tools:** Agile (Scrum), Jira, Confluence, Atlassian
- **Operating Systems:** Linux, UNIX, Windows

WORK EXPERIENCE:

Java Full Stack Developer   **June 2024 - Present**
Varo Bank | San Francisco, CA

- Delivered **digital banking features** (onboarding, transactions, fund transfers) serving **50k+ monthly users**, increasing account completion by **18%**.
- Built and deployed **RESTful APIs and microservices** using **Java, Spring Boot, AWS ECS, and Lambda**, reducing **fraud detection latency by 30%**.
- Partnered with data science team to integrate **AI/ML-driven fraud detection models**, reducing false positives by **22%** and accelerating transaction monitoring.
- Optimized **cloud-native applications on AWS** for AI/ML workloads, improving inference performance and cutting model deployment time by **40%**.
- Automated builds and deployments with **Jenkins, GitHub Actions, Docker, and Kubernetes**, reducing deployment time from **2 hours to 20 minutes**.
- Increased software reliability by maintaining **95%+ unit and integration test coverage** with **JUnit, Mockito, Jest, and Cypress**, lowering production defects by **40% YoY**.
- Collaborated with cross-functional teams (Product, Data Science, UX, QA) in **Agile Scrum** to deliver AI-enhanced features in production.

Environment: Java 17, Spring Boot, React.js, Spring Security, Kafka, MongoDB, AWS (ECS, Lambda, S3, RDS, SageMaker), Docker, Kubernetes, Jenkins, REST APIs, Agile.

Java Full Stack Developer   **May 2023 – May 2024**
Concentrix | Newark, CA

- Engineered **CRM and customer service platforms** supporting **100k+ daily interactions** for **8 global clients**, improving response times by **35%**.
- Developed **secure REST APIs** with **JWT and OAuth2 authentication**, powering integrations with **Salesforce** and payment gateways, driving **$2M+ in client retention revenue**.
- Enhanced performance by optimizing **SQL and MongoDB queries**, cutting **API response times by 25%**.

- Built and deployed full-stack applications with **Spring Boot, Hibernate, Angular, and React**, delivering scalable, client-specific solutions.
- Automated CI/CD pipelines with **Jenkins, Maven, and Docker**, reducing release failures by **70%** and accelerating delivery.
- Strengthened software quality by achieving **90%+ test coverage** with **JUnit, Mockito, and Postman**, reducing production defects by **50%**.
- Improved system observability with **ELK Stack (Elasticsearch, Logstash, Kibana)** for proactive monitoring and faster incident resolution.

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

Software Engineer   **Jan 2021 – July 2022**
Cloudnine Group of Hospitals | India
- Co-developed a **patient scheduling system** managing **500+ daily bookings across 5 hospitals**, reducing manual errors by **60%** and patient wait times by **25%.**
- Automated billing workflows with **Oracle SQL**, improving reconciliation speed by **40%** and reducing financial discrepancies.
- Designed and integrated **REST APIs** for EHR and lab systems, enabling **10k+ secure health record exchanges per month**.
- Enhanced application stability by troubleshooting and optimizing backend workflows, lowering downtime incidents by **35%**.
- Collaborated with QA teams to build **unit and integration tests** (JUnit, Mockito, Jest), ensuring high-quality releases.
- Supported CI/CD adoption by integrating source code with **Git, Maven, and Jenkins**, improving deployment speed and reducing manual effort.

Environment: Java 8, Spring Boot, Hibernate, REST APIs, React.js, HTML5, CSS3, JavaScript, RabbitMQ, MySQL, PostgreSQL, Git, Agile.

EDUCATION:
- Mater's in Computer Science – California State University, Sacramento
- Bachelor's in Computer Science – Acharya Nagarjuna University, India

CERTIFICATIONS:
- AWS Solution Architect
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Google Prompting Essentials