Rahul Chitturi

Full Stack Developer | 6+ Years Experience | Member of Technical Staff – 4
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PROFESSIONAL SUMMARY

Full Stack Developer with over 6 years of experience building scalable applications in Cloud Computing and Clinical domains. Strong hands-on expertise in Java/Spring Boot microservices, modern frontend frameworks, cloud platforms, Docker/Kubernetes, and CI/CD pipelines. Comfortable working in agile environments and collaborating across teams to deliver reliable, high-quality software. Actively exploring practical applications of AI/LLMs to enhance existing products.

SKILLS

Languages: Java, Python, JavaScript, TypeScript
Backend: Spring Boot, Node.js, gRPC, REST APIs, Microservices, Kafka, Drools
Frontend: React, Next.js, Vaadin
Databases: PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps: AWS, GCP, Azure, Docker, Kubernetes, Jenkins, Maven, CI/CD
AI Engineering: LLM Integration, RAG, Embeddings, Vector Search, Prompt Engineering, MCP, OpenAI API
Engineering Practices: System Design, Distributed Systems, OAuth/JWT, Unit Testing, Performance Optimization, API Design

WORK EXPERIENCE

Nutanix Technologies — Member of Technical Staff – 4 Jun 2022 – Present
Bengaluru, India

- Develop and maintain scalable enterprise applications and microservices for Nutanix Sizer and CPQ using Java, Spring Boot, Node.js, Drools, MySQL, and PostgreSQL.
- Drive end-to-end feature development and architecture, including backend services, REST APIs, frontend integrations, and gRPC-based inter-service communication.
- Designed and implemented an event-driven notification system supporting real-time notifications and user preferences across the platform.
- Improve application performance, memory efficiency, and reliability through deep debugging, profiling, and optimization of Java services and Kubernetes workloads.
- Optimize CI/CD pipelines through Maven and dependency caching, reducing build execution time from approximately 18 minutes to 7.5 minutes; also explore LLM and RAG-based capabilities for intelligent recommendations in Nutanix Sizer.

SJTSPL (ThoughtSphere Inc.) — Software Engineer Feb 2020 – Jun 2022
Bengaluru, India

- Led design and development of features for clinical study mapping products, streamlining integration of new modules with existing systems.
- Spearheaded creation of Docker images for the product, ensuring consistent and reliable deployments on Ubuntu servers.
- Onboarded clinical studies, mapped incoming data pipelines, and maintained the Risk-Based Monitoring (RBM) system including job scheduling and server health.
- Collaborated with product and cross-functional teams to refine use cases; created design documents, wireframes, and comprehensive unit tests.
- Consistently delivered high-quality work on schedule while participating in code reviews and driving continuous improvement in code quality.

PROJECTS

In-App Notification Service
Designed and developed a real-time in-app notification system for Nutanix products. Built backend services to handle event-driven notifications, user preferences, and delivery channels, significantly improving user engagement and platform communication.

Nutanix Sizer
Core contributor to Nutanix Sizer – an intelligent capacity planning tool that analyzes customer environments and generates optimized HCI/cloud infrastructure recommendations. Worked extensively on microservices, data pipelines, backend APIs, and UI integrations.

ClinACT – Analytics & Risk-Based Monitoring
Developed a comprehensive analytics and risk-based monitoring platform for clinical trials. Helped improve trial safety, data quality, and decision-making by identifying site-level inefficiencies and unifying data from multiple sources into a single view.

Business Intelligence Tool
Designed and built a user-friendly web interface that allowed users to create data visualizations by combining SQL and NoSQL data sources, with seamless export capabilities to Excel and other external tools for further analysis and reporting.

EDUCATION

Bachelor of Engineering — Proudhadevaraya Institute of Technology, Hospet, India Aug 2015 – 2019