

NIKHIL DACHEPALLY

Hyderabad, Telangana

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EDUCATION

Anurag Group Of Institutions, Hyderabad

JUL 2017 - JUN 2021

Bachelor of Technology (Information Technology)

CGPA: **9.14**

TECHNICAL SKILLS

Languages: Java, SQL, JavaScript

Technologies: Spring Boot, Spring Security, Spring AI, REST APIs, Kafka, Redis, Gen-AI, RAG, MCP, LLMs

Databases: PostgreSQL, MongoDB, Oracle

DevOps & Cloud: Docker, Kubernetes, AWS, CI/CD, Argo CD

Tools: Git, Github, Postman, Jira, Grafana, ELK Stack, JUnit, Mockito

Core: DSA, OOPS, System Design (HLD + LLD), RDBMS, Operating Systems, Computer Networks, Web Technologies

EXPERIENCE

Lowe's, Bangalore

APR 2023 - DEC 2024

Associate Software Developer

- Designed and modernized scalable backend and full-stack services using **Spring Boot and React** as part of large-scale mainframe-to-web migrations.
- Built **event-driven microservices** with **Kafka** to process large CSV datasets via batch jobs, async pipelines, and Ag-Grid lazy-loaded UIs.
- Improved API throughput and reduced latency by **100%** using **Redis caching**, query optimization, and DB migration from **DB2 to Oracle** ensuring data consistency and compatibility..
- Monitored production systems using **Grafana dashboards** and alerting mechanisms (Vanguard) and Collaborated with cross-functional teams for proactive issue detection and resolution.

Infosys, Hyderabad

NOV 2021 - DEC 2022

System Engineer

- Developed **Informatica taskflows** for **Daimler-Salesforce data integration** (Japan market).
- Resolved 2 critical bugs and Optimized critical mapping and data extraction issues across Salesforce and Oracle systems.

PROJECTS

Code Generator - AI SaaS Platform

NOV 2025 - MAR 2026

- Designed and engineered an AI-powered platform converting natural-language product ideas into full-stack applications.
- Developed **Spring Boot microservices** with **Kafka-based event orchestration** for real-time AI task execution and fault-tolerant workflows.
- Implemented **RAG, Spring AI, and MCP** for contextual code generation and multi-agent orchestration, improving relevance by **40%**.
- Optimized performance using **Redis caching** and secured APIs via **Spring Security + JWT (RBAC)**.
- Achieved **90%+ test coverage** using **JUnit and Mockito**, and productionized services via **Docker and Kubernetes** with **AWS CI/CD** and added observability using **ELK, Zipkin, and Actuator**.

Tech Stack: Java, Spring Boot, Spring AI, RAG, MCP, Gen AI & Agentic AI, Spring Security, Hibernate, PostgreSQL, Redis, Kafka, JUnit, Mockito, React.js, Docker, Kubernetes, AWS, CI/CD, ELK Stack,

ACHIEVEMENTS

- Deployed an EdTech Android app **B.Tech Library** on Google Play Store with **100K+ downloads** in 8 months.

CERTIFICATIONS

- Full Stack Web Development, Designing Scalable Systems, Data Structures and Algorithms - **Bosscoder, Udemy**
- AI Foundations, Gen AI & Agentic AI, Devops - **Pantech, Udemy, GFG**
- Database Programming with SQL, Java Programming - **Oracle, GFG**