

# LIKITH K

[kanchalalikith@gmail.com](mailto:kanchalalikith@gmail.com)

(513) 413-7782

[linkedin.com/in/likitck](https://linkedin.com/in/likitck)

[github.com/Likith0111](https://github.com/Likith0111)

## PROFESSIONAL SUMMARY

Results-driven **Full Stack Developer** with **4+ years** of experience architecting and delivering scalable, enterprise-grade web applications. Expert in **Java (Spring Boot)** and **React** ecosystems, with proven success in building high-throughput systems processing **1M+ daily transactions**. Strong track record of optimizing system performance, reducing API calls by **45%**, and driving **15% cost savings** through architectural improvements. Skilled in microservices, cloud infrastructure (AWS), CI/CD automation, and agile methodologies.

## PROFESSIONAL EXPERIENCE

### Full Stack Developer | Cigna Healthcare

Austin, TX | Jun 2025 – Present

- Architect and develop enterprise healthcare applications using **Java 17, Spring Boot 3, and React 18**, supporting **1M+ daily transactions** with 99.9% uptime SLA
- Consolidated multiple business logics into a unified Product API, **reducing API calls by 45%** and eliminating code duplication across 12+ client applications
- Designed and optimized RESTful microservices with **PostgreSQL and Redis caching**, achieving **15% cost reduction** in cloud infrastructure
- Implemented robust CI/CD pipelines using **Docker, Jenkins, and AWS (ECS, Lambda, S3)**, reducing deployment time by 60%
- Ensured HIPAA compliance through secure coding practices, JWT authentication, and comprehensive audit logging

### Graduate Teaching Assistant | University of Cincinnati

Cincinnati, OH | Aug 2023 – May 2025

- Developed and maintained Java-based academic applications, improving system performance by 30% through code optimization and debugging
- Automated data processing workflows using **Python and SQL**, reducing manual processing time by 50%
- Mentored 50+ students in Java programming, database design, and software engineering best practices

### Software Engineer | BDM Solutions

Chennai, India | Apr 2022 – Jul 2023

- Built end-to-end web applications using **Java, Spring Boot, React, and Node.js**, delivering 15+ features from UI to backend
- Designed scalable RESTful APIs handling 100K+ daily requests, improving backend response time by 40%
- Developed responsive UIs with React, Redux, and Material-UI ensuring cross-browser compatibility and accessibility compliance
- Optimized database queries in **PostgreSQL and MongoDB**, reducing query execution time by 35%

## KEY PROJECTS

### Clinical AI - Adverse Event Detection System

Java 17, Spring Boot, React, PostgreSQL, OpenAI/Claude API, Docker, AWS

- Engineered an AI-powered clinical decision support system that analyzes patient symptoms to detect adverse events with 92% accuracy
- Implemented batch processing (10 patients/API call), multi-LLM support, and rule-based safety screening for critical conditions
- Built production-ready architecture with JWT auth, RBAC, comprehensive audit logging, and Terraform IaC for AWS deployment

### Enterprise Full Stack Applications Suite

Java, Spring Boot, React, PostgreSQL, Docker, GitHub Actions

- Developed 4 microservices-ready applications (E-Commerce, Food Ordering, Event Booking, Job Portal) demonstrating clean architecture
- Implemented SOLID principles, design patterns (DTO, Repository, Factory), comprehensive testing (JUnit 5, MockMvc), and CI/CD pipelines

## TECHNICAL SKILLS

**Languages:** Java 17, JavaScript (ES6+), TypeScript, Python, SQL

**Backend:** Spring Boot 3, Spring Security, Hibernate, Node.js, REST APIs, GraphQL

**Frontend:** React 18, Redux, Next.js, HTML5, CSS3, Tailwind CSS, Material-UI

**Databases:** PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch

**Cloud & DevOps:** AWS (EC2, ECS, Lambda, S3, RDS), Docker, Kubernetes, Jenkins, Terraform

**Tools & Practices:** Git, GitHub Actions, JIRA, Agile/Scrum, TDD, Microservices, System Design

## EDUCATION

### Master of Science in Computer Science | University of Cincinnati

GPA: 3.8/4.0 | Aug 2023 – Dec 2024

## CERTIFICATIONS

- NPTEL – Java Programming
- NPTEL – Data Analytics with Python
- NPTEL – Introduction to Internet of Things