



# KAMALI K

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## PROFESSIONAL SUMMARY

Backend Java Developer with 6 months of production experience building scalable **e-commerce applications** using **Spring Boot, RESTful APIs, MySQL, and AWS**. Successfully developed backend infrastructure serving 1000+ users with 500+ transactions and 99% uptime. Expertise in **Spring Security, OAuth 2.0 authentication** and **Jenkins CI/CD deployment**. AWS and ITIL certified

## TECHNICAL SKILLS

- Core Java(OOPS), C
- Spring Boot
- Git/GitHub
- Data Structures & Algorithms
- Database Design
- RESTful API Development
- Agile/Scrum
- MongoDB
- Hibernate
- Basic SQL
- Power BI, Automate
- Postman
- AWS EC2, S3
- Spring Security
- Jenkins CI/CD
- API Integration

## EXPERIENCE

### SOFTWARE ENGINEER, 06/2025 – 11/2025

**D2RAILABS**, Chennai

- Developed production-ready e-commerce backend serving 1000+ users with 20+ RESTful APIs using **Spring Boot, Spring Security, MySQL, and AWS (EC2, S3)**
- Designed a normalized MySQL database schema with 15+ tables and optimized queries using Spring Data JPA and Hibernate, reducing response time by 35%
- Deployed backend application with **Jenkins CI/CD pipeline on AWS infrastructure**, achieving 99% uptime and handling 10,000+ daily API requests
- Collaborated in an **Agile/Scrum environment with code reviews, daily stand-ups, and Git version control** while implementing security best practices.

### KNOWLEDGE TRANSFER SPECIALIST, 12/2023 - 05/2025

**Freelance**

- Delivered live programming workshops on **C, Java, and Python** with emphasis on DSA and hands-on coding.
- Mentored students on placement preparation, focusing on technical interviews, coding assessments, and **LeetCode** challenges.
- Developed customized content and tracked student progress to enhance learning outcomes.

### TECHNICAL TRAINER, 08/2023 - 10/2023

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- Conducted high-impact training sessions for 2,000+ engineering students across multiple colleges.
- Received 100%+ positive feedback for engagement, and technical clarity.

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**INTERN**, 02/2023 - 05/2023

**Virtusa Consulting Services Pvt. Ltd.**

- Assisted in automating IT ticketing workflows, enhancing operational efficiency.
- Collaborated with IT teams to understand and improve enterprise-level support systems.
- Gained exposure to agile methodologies, ticketing systems, and automation practices.

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**EDUCATION**

**K.S.R. College of Engineering**, Tiruchengode, 2019-2023

**Bachelor of Engineering (B.E.): Computer Science**

CGPA: 8.67 / 10

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**WEBSITES, PORTFOLIOS,  
PROFILES**

<https://www.linkedin.com/in/kamali-kumar2622>

<https://kamalikumar123.github.io/portfolio/>

<https://leetcode.com/u/kamali1212/>

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**CERTIFICATIONS**

- **Java Programming & OOPs** - Great Learning
- **Aws partner accreditation**: Cloud economics and business essentials - Microsoft
- **Google Data Analytics** Certificate – Coursera
- **Microsoft Azure AI Fundamentals**: AI Overview - Microsoft Learn
- **Introduction to Machine Learning** – Microsoft Learn
- **ITIL Foundation Certificate** - Certificate No: GR671502485KK

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**PROJECTS**

**E-Commerce Backend API | Spring Boot, MySQL, AWS**

Independently developed a complete backend with 20+ RESTful APIs for product management, shopping cart, and order management. Implemented OAuth 2.0 authentication with Spring Security. Deployed on AWS (EC2, S3, RDS) with Jenkins CI/CD pipeline.

**Result:** Served 1000+ users, processed 500+ orders with 99% uptime.

**Online Feedback Management System | PHP, MySQL**

Developed fully responsive web-based form replacing manual feedback collection processes with dynamic data storage and structured feedback analysis.

**Result:** Reduced processing time by 40%, significantly improving feedback collection rates.

**Delay-Sensitive Provisioning in Edge Networks | Java, NetBeans**

Engineered secure file-sharing platform for low-latency mobile and edge computing environments. Implemented optimized algorithms for data prioritization and secure communication protocols.

**Result:** Achieved 20% decrease in latency, improving data delivery performance.