KAMALI K – Software Engineer

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LeetCode: https://leetcode.com/u/kamali1212/
Portfolio: https://kamalikumar123.github.io/portfolio/

Professional Summary

Results-driven **Software Engineer** with a solid foundation in **data structures, algorithms**, and **programming principles**, combined with hands-on experience in **technical instruction** and **IT automation**. Successfully mentored 2,000+ students in **C, C++, Java, and Python**. Skilled in **Power BI**, **Power Automate**, and **IT service management**. Certified in **AWS**, **Google Data Analytics**, and **ITIL**. Adept at solving complex problems, building scalable systems, and driving continuous improvement in tech environments. Actively seeking roles in **DevOps, cloud engineering, automation, infrastructure support**, and **software development**.

Technical Skills

- **Languages & DSA:** Core Java, C, C++, Python, Data Structures & Algorithms
- **DevOps & Automation Tools:** Git, GitHub, Docker (Basic), GitHub Actions (Basic), Jenkins, Power Automate
- **Cloud & Infrastructure:** AWS Fundamentals, TCP/IP Networking (Basics)
- **Data & Reporting:** SQL (Basics), Power BI, Excel
- **Web Technologies:** HTML, CSS
- **Other Tools:** ITIL Service Management, Microsoft Office, Google Data Analytics
- **Soft Skills:** Mentoring, Communication, Team Collaboration, Problem-Solving

Experience

Knowledge Transfer Specialist – *Freelance | Ongoing*

- **Delivered live programming workshops on C, 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 – *Terv | Aug 2023 – Oct 2023*

- **Conducted high-impact training sessions for 2,000+ engineering students across multiple colleges.**
- **Designed structured learning modules based on real-world scenarios and corporate expectations.**
- **Received 100%+ positive feedback for engagement, delivery, and technical clarity.**

Intern – *Virtusa Consulting Services Pvt. Ltd. | Feb 2023 – May 2023*
- **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.**

Projects
Online Feedback Form – *HTML, CSS, PHP*
- **Developed a fully responsive web-based form to replace manual feedback collection.**
- **Enabled 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 a secure file-sharing platform for low-latency mobile and edge environments.**
- **Implemented optimized algorithms for data prioritization and secure communication.**
- **Result: Achieved a 20% decrease in latency, improving data delivery performance.**

Certifications
- **Java Programming & OOPs – Great Learning**
- **AWS Partner Accreditation: Cloud Economics & Business Essentials – Microsoft**
- **Google Data Analytics Certificate – Coursera**
- **Microsoft Azure AI Fundamentals: AI Overview – Microsoft Learn (2025)**
- **Introduction to Machine Learning – Microsoft Learn (2025)**
- **ITIL Foundation Certificate – Certificate No: GR671502485KK**
- **Microsoft Excel (Beginner), Email Etiquette – Udemy**
- **Typewriting – Tamil & English**

Education
Bachelor of Engineering (B.E.) – Computer Science
K.S.R College of Engineering, Tiruchengode | 2019 – 2023
CGPA: 8.67 / 10