

# KAMALI K – Software Engineer

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

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

## Professional Summary

Motivated and skilled Software Engineer with a strong foundation in data structures and algorithms, programming fundamentals, and hands-on technical instruction. Over a year of experience mentoring 2,000+ students in languages like C, C++, Java, and Python. Proficient in tools like Power BI, Power Automate and experienced in managing IT support systems. Certified in cloud technologies, data analytics, and IT service management. Passionate about solving real-world problems, continuous learning, and supporting technical communities. Open to roles in DevOps, cloud automation, networking, and infrastructure support.

## Technical Skills

- **Programming Languages & DSA:** Core Java, C, C++, Python – strong grasp of Data Structures & Algorithms
- **Database & Querying:** SQL basics
- **Web Development:** HTML, CSS
- **Automation & Tools:** Power Automate, Power BI, Excel
- **Networking & Cloud:** Basics of TCP/IP, AWS (Fundamentals)
- **DevOps tools:** Git, GitHub, Docker (Basics), GitHub Actions (Basics), Jenkins
- **Other Tools:** ITIL Service Management, Google Data Analytics, Microsoft Office

## Experience

### Knowledge Transfer Specialist (Ongoing)

- Conducted live programming sessions in C, C++, Java, and Python, emphasizing Data Structures & Algorithms and hands-on problem-solving.
- Mentored students for placements, focusing on technical interviews, online coding rounds, and LeetCode-style practice.

### Technical Trainer – Terv (Aug 2023 – Oct 2023)

- Trained over 2,000 engineering students across various colleges through structured programming workshops.

- Tailored sessions to diverse learning groups, maintaining high student engagement and satisfaction (above 100% positive feedback).

### **Intern – Virtusa Consulting Services Pvt. Ltd. (Feb 2023 – May 2023)**

- Supported the automation of internal IT ticketing and support tasks.
- Gained first-hand experience in enterprise environments, with a focus on efficiency and structured workflows.

## **Projects**

### **Online Feedback Form**

Technologies: HTML, CSS, PHP

- Built a responsive online system to replace manual feedback collection.
- Enabled dynamic input storage and structured feedback visualization.
- **Outcome:** Reduced manual feedback processing time by 40%, improving feedback response rate.

### **Delay-Sensitive Provisioning in Edge Networks**

Technologies: Java, NetBeans

- Developed a secure file-sharing platform for edge/mobile environments.
- Incorporated efficient data handling and network prioritization algorithms.
- **Outcome:** Achieved a 20% reduction in file-sharing latency in mobile network environments.

## **Certifications**

- Java Programming & OOPs – Great Learning
- AWS Partner Accreditation & Cloud Economics
- Google Data Analytics (Coursera, Non-credit Certificate)
- Microsoft Excel (Beginner), Email Etiquette – Udemyl
- ITIL Foundation in IT Service Management (Certificate Number: GR671502485KK)
- Typewriting – Tamil & English

## **Education**

B.E. – Computer Science

K.S.R College of Engineering, Tiruchengode

CGPA: 8.67 | (2019 – 2023)

## **Languages**

- English – Professional Working Proficiency
- Tamil – Native