Muhil Thiruselvam

Coimbatore,TamilNadu | muhil.jdk@gmail.com | 80 72 00 88 72 | leetcode.com/muhiljack007

linkedin.com/muhiljd1509 | github.com/muhil15

Professional Summary

Aspiring software developer and system engineer with a foundation in programming concepts, web technologies, and basic networking. Familiar with concepts such as IP addressing, DHCP, DNS, and network simulations using Cisco Packet Tracer. Exploring AI tools like OpenAI and Quen 2.5, and gaining hands-on experience through project development. Eager to apply and grow technical knowledge in software and networking projects.

Education

[1]Karpagam college of Engineering, Master of Computer Application.   Sept 2024 – May 2026

- CGPA: 8.0
- **Coursework:** Java Programming, Data Structures and Algorithms, Relational Database Management Systems(RDBMS), Software Engineering, Internet of Things.

[2]Shri Nehru Maha Vidyalaya College of Arts and Science , Bachelor of Science   Sept 2021 – May 2024
in Computer Science.

- CGPA: 7.5
- **Coursework:** Web Technology, Computer Networks.

Technical Skills

- **Languages:** Java, Python, HTML, CSS.
- **Networking:** IP addressing, DHCP, DNS, Subnetting and CIDR, Routing and Switching.
- **Server:** Windows Server 2016 (Server Manager).
- **Tools:** Cisco Packet Tracer, VS Code, Eclipse.
- **Virtualization:** VMware, Oracle VM.
- **Operating Systems:** Windows 10/11, Ubuntu.
- **Version Control:** Git, GitHub (Basic commit and push experience).

Certifications

- UGC-Recognized Journal Publication Certificate – July 2025.
  Title: Smart Classroom Environment Analysis via Edge AI and Multi-Modal Sensor Fusion with Deep Learning
- Microsoft Learn – Introduction to the Microsoft Azure Well-Architected Framework (July 2025).
- Certificate of Appreciation – Presented "Optimizing Laptop Connectivity with Human-Initiated IoT" at SIMTAC'25, Karpagam College of Engineering SEGi University, Malaysia (Apr 2025).
- Runner-up – Quiz, HIFOCUS'25 National Level Symposium (Feb 2025).

Projects

[1]Smart Classroom Environment Analysis via Edge AI and Multi-Modal Sensor Fusion with Deep Learning   2025

- Conceptual Research Project | Published in UGC-Recognized Journal, July 2025 - Proposed a smart classroom monitoring system integrating edge AI and sensor fusion to analyze environmental comfort and student attention. Currently in the conceptual stage; Implementation planned for future academic or research work.

[2]Hacking Gadgets Through Online Auction   2024

- Jan 2024 – Mar 2024 | Tools: PHP, MySQL, HTML, CSS, XAMPP
- Developed a secure web-based auction platform with features like user authentication, admin dashboard, category management, product listings, and comments. Implemented dynamic backend logic, database integration, and testing to ensure reliable performance.