# Muhil Thiruselvam

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## Professional Summary

Aspiring software developer with a solid foundation in programming concepts and web technologies. Actively exploring AI through tools like OpenAI and Quen 2.5, while building hands-on experience using project development platforms. Eager to apply and expand technical skills in real-world software 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.

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

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

## Publications

"**Smart Classroom Environment Analysis via Edge AI and Multi-Modal Sensor Fusion with Deep Learning**" July 2025

**Author: MUHIL T**
Accepted for Publication in UGC-Recognized Journal, July 2025.

## Technical Skills

**Languages:** Java, Python ,Html , Css
**Tools:** VS Code, Eclipse
**Version Control:** Git, GitHub (Basic commit and push experience)
**Currently Learning:** Java Frameworks (Learning – Spring Boot)

## Projects

**[1]Hacking Gadgets Through Online Auction** 2024

- Jan 2024 – Mar 2024 | Tools: PHP, MySQL, HTML, CSS, XAMPP
- Designed a web-based platform for managing and listing gadgets in an auction-style format, targeting ease of use and secure user interaction. - Implemented key modules like user login/registration, admin dashboard, category/subcategory management, product postings, and comment section. - Utilized PHP for dynamic backend logic and MySQL for secure data storage and retrieval. - Conducted unit, validation, and integration testing to verify user inputs and ensure consistent system performance. - Final year academic project submitted to Bharathiar University under the B.Sc. Computer Science program.

**[2]Smart Classroom Environment Analysis via Edge AI and Multi-Modal Sensor Fusion** 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 conceptual stage; implementation planned for future academic or research work.