Mathav Ramalingam

Backend Developer | Aspiring Engineer

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CAREER OBJECTIVE

I'm passionate about Computer Science and Engineering, focusing on Python development and Backend technologies. Skilled in building scalable solutions, solving complex problems, and optimizing performance. Committed to continuous learning, innovation, and delivering high-quality software solutions.

EXPERIENCE

Python Development Intern
Auro Tech Solutions (May 2024 - June 2024)

- Built a console-based banking system with deposit, withdrawal, and transfer features.
- Created a feature-rich Timer application using Python and Tkinter.
- Gained hands-on experience in building scalable solutions and debugging Python applications.

PROJECTS

Dustless Vacuum Board Cleaner | 2023 🔗

- Developed a Rechargeable Dustless Vacuum Board Cleaner to eliminate chalk dust from blackboards.
- Optimized cleaning efficiency, noise reduction, and user experience through multiple prototypes. It ensured low noise operation, effective dust collection, and eco-friendliness.

Personal Portfolio | 2024 🔗

- Built a responsive portfolio website using React.js, Tailwind CSS, and JavaScript.
- Showcased skills, projects, and contact information with an intuitive UI.

JobConnect – Django-based Job Listing Platform | 2025 🔗

- Built a web app connecting job seekers and companies with features like role-based access, job posting, and user profiles.
- Implemented dynamic filters, secure authentication, and responsive UI for an efficient job search experience.

Agri Machineries Mart | Ongoing

- Developed a web platform for agricultural machinery businesses to showcase products and manage service requests.
- Features include product catalogs, inquiry forms, admin dashboards, and location integration for enhanced customer reach and operational efficiency.

ACHIEVEMENTS

- Secured 3rd Place in **KEC Ideathon** 2K23 (Project Presentation).
- Secured 2nd Place in **KEC Proof of Concept** 2K23 (Project Presentation).
- Secured 1st Place in **IdeaFix** 2K24 (Idea Presentation).
- Top 50 in the Smart India Hackathon (SIH) - **Internal Hackathon** 2024.

EDUCATION

Bachelor of Engineering (CSE) | Kongu Engineering College, Erode (2026)
CGPA: 7.44 (till Semester 6)

Higher Secondary | Best Matric Higher Secondary School, Thanjavur (2022)
Percentage: 78.3%

Secondary Education | Best Matric Higher Secondary School, Thanjavur (2020)
Percentage: 73%

SKILLS

- **Programming Languages:** Python, C, JavaScript
- **Web Development:** HTML, CSS, React.js
- **Frameworks:** Django, Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **Version Control & Tools:** Git, GitHub, Figma, Canva
- **Soft Skills:** Collaboration, Leadership

AREA OF INTEREST

- Object Oriented Programming in Python
- DBMS

MEMBERSHIP

- Executive Member - Cloud User Group
- Volunteer - National Service Scheme

CERTIFICATION

- MongoDB Associate Developer Certification
- Python Certification in GUVI