



Mathav Ramalingam

Backend Developer | Aspiring Engineer

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CAREER OBJECTIVE

Passionate Backend Developer skilled in designing and developing high-volume, low-latency applications using Python (Django) and Node.js. Adapt at building RESTful APIs, managing relational and NoSQL databases, and optimizing application performance for scalable, mission-critical systems. Eager to contribute to a dynamic engineering team by delivering maintainable, efficient, testable, and high-availability backend solutions that make a real impact.

EXPERIENCE

Python Development Intern

Auro Tech Solutions (May 2024 - June 2024)

- Developed and optimized Python modules for real-time applications.
- Built console-based and GUI-based tools (Banking System, Timer App) demonstrating data processing and modular code design.

PROJECTS

Bike Service Booking Backend | 2025

Node.js | Express.js | MongoDB | JWT | Nodemailer

- Developed a backend system for service booking and management, enabling role-based access for customers and service providers.
- Designed secure, scalable REST APIs with JWT-based authentication and MongoDB schema optimization.
- Integrated Nodemailer for automated status email notifications using Gmail SMTP.

JobConnect - Django based Job Listing Platform | 2025

Django | Python | MySQL | HTML/CSS | JavaScript

- Designed and implemented backend logic for job posting, filtering, and user authentication.
- Implemented role-based dashboards for recruiters and job seekers using Django's authentication system.

Personal Portfolio | 2025

React.js | Tailwind CSS | JavaScript | Vercel

- Designed and deployed a responsive personal portfolio showcasing skills and projects with smooth navigation and section-based layout.
- Developed reusable React components for modularity and improved maintainability.

ACHIEVEMENTS

- Secured 3rd Place in KEC Ideathon 2K23 (Project Presentation).
- Secured 2nd Place in KEC Proof of Concept 2K23 (Project 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, JavaScript, C
- Frameworks:** Django, Node.js, Express.js
- Databases:** MySQL, MongoDB
- Version Control & Tools:** Git, GitHub
- Tools:** Postman, Canva
- Web Development:** HTML, CSS, React.js
- Other Skills:** Query Optimization, Debugging, Scalability Design

AREA OF INTEREST

- Object Oriented Programming in Python
- DBMS

MEMBERSHIP

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

CERTIFICATION

- [MongoDB Developer Certification \(Associate\)](#)
- [Python Certification \(GUVI\)](#)