

MOGESH M

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Objective

Full-stack developer skilled in scalable backend systems, API design, and high-impact platform development. Experienced in building production-ready applications used by thousands, improving performance, reducing operations overhead, and delivering measurable results.

Skills

Languages: Python, JavaScript, C++

Backend: Django, Node.js, Express.js

Frontend: React, HTMX, HTML, CSS

Databases: PostgreSQL, MySQL, MongoDB

Tools: Git, Docker, Linux, REST APIs

Professional Experience

HVA Academy — Full Stack Trainee

Jul 2025 – Present

Learned: Node.js, JavaScript, Git, Agile Practices

Hands-on training in backend architecture, API development, and clean code practices under industry mentorship. Strengthened delivery discipline and collaboration through agile workflows including sprints and standups. Improved clarity in communication and debugging through interactions with senior engineers.

Software Developer Intern — iQube Innovation Center

Kumaraguru Campus CRM

Nov 2024 – Present

Stack: Django, HTMX, PostgreSQL, Redis

Contributed to a campus CRM used by **500+ students, wardens, and staff**. Worked on barcode-based check-in/out with IVR approval, improving exit speed by **70%** and reducing errors by **98%**. Collaborated on WhatsApp-based alerts that eliminated **99%** of false entries. Supported building a self-service room allocation module to reduce administrative workload.

Yugam Fest Platform

Feb 2025 – Apr 2025

Stack: Django, PostgreSQL, HTMX, Razorpay, Redis

Contributed to the fest platform used by **10,000+ participants** across 100+ events. Worked on caching and DB optimization, improving performance by **40%** with **zero downtime**. Assisted in migrating payments to Razorpay, saving organizers **Rs. 2,00,000**. Collaborated on automating certificate workflows and pricing logic.

Jananam Ticketing System

Jan 2024 – Mar 2024

Stack: MongoDB, Express.js, React, Node.js

Worked as part of a team building a MERN ticketing platform handling **1,000+ concurrent users**. Contributed to backend tuning that achieved **zero failed transactions** and **zero downtime**. Helped implement bay-based seating, digital check-in/out, and discount modules. Assisted in creating reusable UI components and automated Teams notifications.

Education

B.E. Automobile Engineering, Kumaraguru College of Technology

2022–Present

CGPA: 8.11 (up to 6th sem)

Higher Secondary (Biology), Infant Jesus Matric Hr. Sec. School

2021–2022

Score: 88.5%

Honours & Awards

- **Mahatma Gandhi Merit Scholarship (2024, 2025)** — awarded to top 10% students for academic excellence
- **S N Bose Award (2025)** — recognized for technical innovation and contribution to campus systems