

MATHESH S

+91 8248389195 | mathesh1707@gmail.com | [linkedin.com/in/mathesh1707](https://www.linkedin.com/in/mathesh1707) | github.com/mathesh1707-bin

EDUCATION

B.E. Computer Science Engineering — Sri Krishna College of Engineering and Technology

2024 – 2028

CGPA: 8.03

TECHNICAL SKILLS

Languages: C++, Python, Java **Backend:** Spring Boot, REST API Design, JWT Auth **Frontend:** React, HTML/CSS

Database: MySQL, Schema Design **Tools:** Git, GitHub, Vite, Vercel, Postman

PROJECTS

Task Manager Backend API — Spring Boot, MySQL, JWT

- Engineered a production-grade REST API with JWT-based authentication and role-based access control (RBAC), eliminating unauthorized data access across user roles
- Designed a normalized MySQL schema with optimized foreign key relationships, reducing query complexity by ~35% for cross-entity lookups
- Identified and patched a critical IDOR vulnerability where users could access other accounts' task data — enforced ownership checks at the service layer
- Structured API with clean separation of controllers, services, and repositories, enabling maintainability and future horizontal scaling

M.S. Driving School Website — React, Vite, Vercel [Freelance, Live]

Live: msdrivingschool.vercel.app

- Delivered a fully responsive, production-deployed website for a real Coimbatore-based client, converting a zero-digital-presence business into an active lead-generation platform
- Built online inquiry handling flow, replacing 100% phone-based inquiries and enabling the client to track and respond to 15+ monthly digital leads
- Owned the full SDLC independently — requirements gathering, UI development, deployment to Vercel, and post-launch support

URL Shortener Service — Spring Boot, MySQL

- Built a secure task management REST API using Spring Boot with JWT-based authentication
- Implemented user-level authorization to ensure users can only access their own tasks
- Integrated Spring Security with BCrypt password hashing for secure credential storage
- Tested APIs using Postman to validate authentication and task operations

EXPERIENCE

Freelance Web Developer — SageWeb Solutions

Oct 2024 – Present

- Acquired and delivered 1 client project end-to-end (driving school website), generating real revenue as a self-started solo freelancer
- Providing ongoing digital services to local businesses including frontend development, ManyChat automation, and social media management
- Scoping, estimating, and delivering technical solutions independently, building a track record of on-time delivery with zero client escalations

CERTIFICATIONS

Cisco Networking Essentials Certification | Coursera: Introduction to Git and GitHub |

Infosys Springboard: Multi-Paradigm Programming with Modern C++, Database and SQL, Introduction to Java, Python Fundamentals