Ravi Shankar M V

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Education

Hindusthan College of Engineering and Technology	Oct. 2022 – Jul 2024
Masters of Computer Application	*Coimbatore, Tamil Nadu*

The Madura College	Jun. 2019 – Apr 2022
Bachelors of Computer Science	*Madurai, Tamil Nadu*

Profile Summary

- Recent MCA graduate with strong foundation in MEAN stack development and modern web technologies. Gained hands-on experience through internships and academic projects in full-stack development. Familiar with Agile methodologies, version control (Git), and software development best practices. Quick learner with strong problem solving skills and eagerness to contribute to collaborative development teams.

Experience

Orion Innovation	Dec 2024 – Feb 2025
Full Stack Intern	*Coimbatore, Tamil Nadu*

- Learned and applied MEAN stack technologies under senior developer guidance.
- Participated in developing web applications following Agile development practices.
- Gained experience with RESTful API development and database operations in MongoDB.
- Used Git for version control and collaborated with team members in structured development environment.
- Followed coding standards and participated in code reviews to ensure quality.

Projects

Task Management System | *MongoDB, Express.js, Angular16, Node.js* — **December 2024 - Link**
- Built comprehensive task management platform as capstone project.
- Implemented user authentication using JWT and role-based access control.
- Developed responsive frontend with Angular 16 and RESTful backend APIs.
- Applied software engineering principles including version control and testing.

Fostering Mentorship in College | *PHP, SQL, HTML, CSS, Bootstrap, xampp* — **March 2024 - Link**
- Created a digital bridge between students and faculty for assignment submissions and guidance.
- Implemented features like deadline tracking and mentor feedback system.

AI Driven: Sightsculpt Vision disorder analysis | *Flask, Deep learning, python, tensorflow* — **November 2023 - Link**
- Built a deep learning model to detect eye conditions like Glaucoma and Cataract.
- Designed an intuitive web interface using Flask for image uploads and prediction.

Gym Management System | *PHP, SQL, HTML, CSS, Bootstrap, xampp* — **October 2020 - Link**
- Enabled users to manage diet plans, calculate BMI, and receive trainer support.

Technical Skills

Languages: JavaScript, JAVA, C, Python, PHP, HTML5, CSS3.

Frontend Technologies: Angular, React.js, Bootstrap, Tailwindcss, Responsive Design.

Backend Technologies: Node.js, Express.js, RESTful APIs.

Databases: MongoDB, MySQL, Database Design

Development Tools: Git/Github, VS Code, Eclipse, Postman.

Methodologies: Agile, Object-Oriented Programming, Software Development Lifecycle.