Mangalam Mishra

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Software Developer

Driven and detail-oriented final-year Computer Science student with hands-on experience building scalable full-stack web applications using the MERN stack. Proficient in React.js, Node.js, Express.js, and MongoDB, with practical experience in RESTful API development, JWT-based authentication, and database optimization. Comfortable collaborating in fast-paced environments, writing clean code, and debugging performance issues.

Technical Skills

Core Languages: Java, JavaScript (ES6+)
Frontend: HTML5, CSS3, Tailwind CSS, React.js, Redux Toolkit, Material UI
Backend: Node.js, Express.js, RESTful API Development
Databases: MongoDB, MySQL
Authentication and Security : JWT, OAuth (basic understanding), bcrypt
Version Control: Git, GitHub
Deployment/Devops: Vercel, Render, AWS, CI/CD (basic), Docker (exposure)

Experience

Web Development Intern, Vault Of Codes   **August 2025**

- Developed and maintained responsive web applications using HTML5, CSS3, JavaScript (ES6+)
- Led development of MindSpace, a MERN-based mental health and wellness platform, implementing React-based dashboards, and MongoDB for data persistence, while managing code and collaboration through GitHub.
- Implemented authentication workflows and managed source code using Git and GitHub.

Projects

Interview Mate : AI-Powered Interview Preparation application   [view Project]

- Designed and developed **secure and scalable RESTful APIs** using Node.js and Express.js.
- Implemented **JWT-based authentication and authorization** with protected routes.
- Integrated **third-party APIs (Gemini)** and handled async workflows.
- Debugged and optimized backend logic to improve **API reliability and response time**.
- Collaborated with peers to **debug** issues, **optimize** backend APIs, and **improve** overall application stability.

Mind Space : MERN-based mental health and wellness tracking platform   [view Project]

- Established fully **responsive mental health dashboards** using React + MUI.
- Followed **SPA architecture** with modular components and reusable state management patterns
- Utilized **NoSQL** database design with **MongoDB and Mongoose** for user mood history aggregation.
- Ensured consistent communication with **JSON-based REST payloads** and asynchronous behavior.

Other Projects: Blog Space, Dynamic client portfolio website, and more   [view Projects]

Education

Bachelor of Technology in Computer Science, Nims University   Sept 2022 – Pursuing

- CGPA: 8.4

Certifications

Full Stack Development (MERN), Apna College   [view certificate]

Bootcamp Sessions: Java, JavaScript, DBMS, MYSQL, Let's Upgrade   [view certificate]