Madhav Mundhra

Full Stack Developer | Pre-Final Year Student, DSATM, Bengaluru

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Education

Bachelors of Engineering in Computer Science and Engineering   **2022 − 2026**
Dayananda Sagar Academy of Technology and Management, Bengaluru   *CGPA: 8.65*

Experience

Software Developer Intern   **Sept 2024 − Feb 2024**
Quantum Coherence Technologies Pvt. Ltd.   *Bengaluru, Karnataka, India; Hybrid*

- Developed a dynamic web application using **React** and **Tailwind CSS**, integrated with advanced AI models to provide personalized meditation and mental wellness experiences, catering to individual user needs.
- Currently enhancing the platform with **React** and **Node.js**, focusing on improving backend efficiency, scalability, and seamless user experience.
- Implemented real-time communication using **WebSockets**, enabling live updates, seamless user interactions, and efficient data synchronization.
- In the initial phase, utilized Firebase, Bravo/Bubble, and Voiceflow to build interactive features.

Technical Skills

- **Languages:** JavaScript, C/C++, Python, Java
- **Frameworks and Libraries:** React.js, Express.js, Tailwind, Three.js, JWT, Socket.io, Webcontainers.io Bootstrap, Passport.js, Bcrypt
- **Databases:** MongoDB, MySQL, Firebase
- **Other Skills and Technologies:** Data Structures & Algorithms, REST API, Postman, Git

Projects

AIVin - Collaborate. Code. Create. Together. | *MERN stack, Socket.io, Webcontainers.io, Gemini*   **Feb 2025**
- **All-in-one workspace** with an integrated code editor for seamless project management.
- **Real-time collaboration** with **Socket.io** for live editing and communication.
- **AI-powered coding** using **Gemini API** via the `@ai` command.
- **In-browser execution** with **WebContainer.io** for instant code previews.
  Live Demo

Care Sync - Empowering Health Choices | *React.js, ZegoCloud, Google Translate*   **June 2024**
- Implemented emergency **video call functionality** using **ZegoCloud** to provide immediate medical aid.
- Made the website accessible in multiple local languages using **Google Translate** to reach a wider audience.
- Enabled users to quickly access emergency medical services with an intuitive interface for instant connections with healthcare professionals.
  Live Demo

Wanderlust - Discover Unique Stays Globally | *Node.js, Express.js, MongoDB, EJS*   **July 2024**
- Developed the back-end using **Node.js** and **Express.js** for scalable and efficient server management.
- Implemented **Passport.js** for secure and reliable user authentication with session-based login and support.
- Managed property listings, availability, and pricing with **MongoDB**, ensuring dynamic updates and real-time data storage.
- Enabled users to add reviews for each property listing, enhancing user interaction and feedback on stays.
  Live Server

Achievements

- Secured **3rd place** in the healthcare domain at the **national 24-hour hackathon**, Techtonic 24.
- Won **1st place** in UI/UX Design Competition at Anokhya, DSCE.
- Secured **2nd place** at Sparkle Ideas' 24 in collaboration with **IKP EDEN, Bengaluru**.

Positions of Responsibility

- **IEEE Computer Society Student Chapter in the Bangalore Section** - Core Team   *July 2024 - Present*
- **Maker Space DSATM** - Core Team   *Nov 2024 - Present*