Madhu Lokesh

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Education

Rajiv Gandhi university of knowledge and Technologies   **2019 - 2023**
Bachelor of Mechanical Engineering   *IIITN*

Relevant Coursework

- System Design
- Algorithms
- Database Management
- API Integration
- Server-Side Development
- RESTful API Design
- (CI/CD) Pipelines
- Containerization with Docker
- Data structures

Technical Skills

Languages: Python, HTML/CSS, JavaScript, SQL, Typescript
Developer Tools: VS Code, AWS, GitHub, Docker, GitLab, Prisma ORM, Figma, Postman, Thunder Client, Turbo Repo
Technologies/Frameworks: React JS, Node JS, Express JS, Next JS, Mongo DB, MUI, Tailwind CSS, Bootstrap

Experience

100xDevs Cohort   **July 2023 – Nov 2023**
MERN Stack Development Apprenticeship   *Remote*

- Established mastery in the role of a MERN stack developer, exemplifying a compelling track record characterized by the adept construction of resilient, secure, and highly efficient server infrastructures.
- Skilled at crafting code that's easily comprehensible, maintainable, and follows industry best practices to ensure top-notch performance and efficiency in implementations.
- A dedicated team member in Cohort "100xDevs," actively contributing to the development of a MonoRepo architecture, Docker implementation, Prisma ORM integration, and Trpc CI/CD pipeline. Collaborated effectively with fellow members, fostering a collaborative environment, and actively contributed to open source initiatives.

Projects

CourseHub - Course Selling App | *MongoDB, Express.js, React.js, Node.js, axios*   **Project | Source Code**

- Developed a sophisticated web application, CourseHub, leveraging the MERN stack architecture to facilitate seamless course transactions.
- Utilized a robust and secure admin authentication system, empowering administrators with efficient course management capabilities encompassing creation, updates, and deletion functionalities.
- Leveraged client interaction through optimized registration and login workflows, enabling intuitive exploration and enrollment across diverse courses via an enhanced interface design.

Gym-website | *Reactjs, Typescript, Tailwind CSS, Framer-motion*   **Project | Source Code**

- Created a dynamic and responsive gym website through adept utilization of React, TypeScript, and Vite, prioritizing elevated code quality and sustainable maintainability.
- Implemented React Forms to fortify data validation, guaranteeing a frictionless user experience, and meticulously crafted a responsive design adaptable to diverse devices.
- Integrated Framer Motion to achieve fluid and polished animations, enhancing the user interface by skillfully integrating state-of-the-art frontend technologies into a cohesive and sophisticated framework.

Snapshare - File sharing app | *Nextjs, Javascript, Tailwind CSS, FireBase, Clerkjs*   **Project | Source Code**

- Built a comprehensive Next.js file-sharing application, establishing seamless authentication through Clerk.js for heightened security.
- Used Firebase as a stalwart data storage solution and harnessed Tailwind CSS to craft an aesthetically pleasing and adaptively responsive design.
- Carried Out API management with TypeScript, amplifying code robustness and expediting a well-orchestrated development workflow.

Area of Interests

- Open Source Involvement: Active contributor to specific technologies, demonstrating a strong commitment to the development community.
- Full-Stack Development Proficiency: Proficient in full-stack development with expertise in MERN Stack, staying updated on industry trends.
- Demonstrated ability to collaborate effectively within teams, communicating proficiently in both independent and freelancing settings, resulting in successful project outcomes.