

# 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, Vue.js, Vue3, PostgreSQL

## 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.

### Techsophy

**Aug 2023 – Dec 2023**

*Full Stack Developer Internship*

*On-site*

- Worked on a real-time project for 4 months as a Fullstack Developer Intern and helped the team build various components, added new features, Fixed UI issues, and maintained databases workflow.
- Implemented cutting-edge technologies including React JS, Tailwind CSS, and JavaScript to build top-quality code, resulting in a 30% increase in website performance and a 20% reduction in customer support issues for diverse projects
- Proactively contributed to solving real-time project complexities, ensuring a seamless and enhanced user experience.

## 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.