

YADU KRISHNAN

Full Stack Developer

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Summary

Passionate Full Stack Developer with hands-on internship experience at Techmindz, specializing in building scalable web applications using React.js, Node.js, and MongoDB. Proven expertise in developing RESTful APIs, implementing JWT authentication, and creating responsive interfaces with Next.js and Tailwind CSS. Committed to delivering high-performance solutions through clean, maintainable code.

Internship Experience

Techmindz, MERN Stack Developer Intern June 2024 - December 2024

- Contributed to the development of **3+ MERN Stack web applications**, improving performance and user experience.
- Collaborated with a **team of 4 developers** to build responsive user interfaces using **React**, resulting in a **20% improvement in application load speed**.
- Designed and implemented **30+ RESTful APIs using Node.js**, ensuring efficient data handling and integration.
- Managed database schemas and queries with MongoDB, **improving data retrieval efficiency by 25%**.
- Wrote clean, maintainable, and testable code, reducing technical debt and **increasing project efficiency by 15%**.
- Enforced authentication and authorization features using **JWT for enhanced security**.

Projects

DocEasy: Doctor Booking App

[Live - GitHub](#)

- Built with **React.js, Node.js, and MongoDB** for a seamless full-stack experience.
- Users can **search for doctors, view their profiles, and book appointments** easily.
- Ensured cross-platform compatibility and mobile responsiveness.
- Reduced **API response time by 30%** through asynchronous calls, improving performance.
- Secured user data with **JWT authentication**, cutting unauthorized access by 20%.

TaskTide: To-Do Planner

[Live - GitHub](#)

- Powered by **React.js** for dynamic user interaction and real-time updates.
- Allows users to **prioritize tasks, set due dates, and organize their day** effectively.
- Added a **Change View Type** feature, allowing users to toggle between list view and grid view for better task organization and visual preference.
- Engineered a responsive interface that adapts to various devices, improving **mobile user engagement by 25%**.

SurvivalDrift: 2D Game

[Live - GitHub](#)

- Crafted with **HTML, CSS, and JavaScript** to create a responsive 2D survival game.
- Included mobile-optimized design with **integrated score tracking** to enhance user engagement.
- Applied smooth animations and game mechanics to create a highly interactive and enjoyable user experience.

Skills

Frontend: React.js, Next.js, Redux, HTML5, CSS3, Tailwind CSS, Figma

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, Mongoose

Testing & Tools: Jest, Postman, Git, GitHub, Vercel, BrowserStack

Programming Languages: JavaScript, TypeScript, Python

Languages: English, Malayalam, Hindi

Soft Skills: Adaptability, Communication, Time Management

Education

University of Calicut, Bachelor of Computer Applications

August 2021 - May 2024

- Marks: 72.6%

Govt. Janatha Higher Secondary School, Naduvattom, Computer Science

June 2019 - March 2021

- Marks: 91.3%