Nihal Mohammed

Front-end Developer

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EXPERIENCE

TOPTAL | FRONT-END DEVELOPER
Oct 2022 – Present | Hyderabad, India

- ➔ Developed and deployed scalable web application using Node.js, React, and Charts.js that could analyze data from scientific papers resulting in a 50% increase in understanding of complex research data.
- ➔ Implemented interactive data visualization tool featuring advanced filtering and search capabilities that increased user engagement by 70%, resulting in over 5,000 monthly active users.
- ➔ Developed and tested user-friendly interface for the Virtual Hospital Application, resulting in a 30% increase in user engagement and retention.
- ➔ Implemented responsive design principles across all pages of the application, resulting in a seamless experience across mobile devices and desktops.

IMAX GLOBAL VENTURES | FULL-STACK DEVELOPER (INTERN)
Dec 2020 – Jul 2021 | New Delhi, India

- ➔ Developed a web-based dashboard that enables clients to access their reports in real-time, reducing response time by 70% and improving client satisfaction score by 15%.
- ➔ Developed a comprehensive migration plan from Oracle Forms to MERN Stack. Implemented intuitive UI/UX design principles that resulted in an impressive 80% increase in user satisfaction scores following the migration

TECHNOTHLON - 2019 | FULL-STACK DEVELOPER
Apr 2019 – Sep 2019 | Guwahati, India

- ➔ Developed an online game with 50+ interactive puzzles, riddles and multiplayer games, using HTML, CSS and JavaScript for the front-end and Node.js, Express and MongoDB for the server-side, resulting in a top-notch user experience.
- ➔ Created multiple player levels using Socket.io to enable real-time communication between players during gameplay, resulting in high engagement levels.

PROJECTS

COLLABORATIVE WHITEBOARD | REACT, SOCKET.IO
Mar. 2023

- ➔ Developed a collaborative whiteboard application from scratch using React, Redux, and JavaScript that incorporated real-time effects using SocketIO.
- ➔ Implemented an HTML Canvas feature in React to enable users to create and share drawings. Designed and integrated a cursor tracking system for all connected users to the application.

EDUCATEME | DJANGO, REACT
Oct. 2019

- ➔ Developed and deployed a user-friendly interface using ReactJS to allow for seamless sharing of course materials between students, departments, and clubs on the online learning platform.
- ➔ Increased user engagement by 75% by implementing gamification elements into the platform, such as leaderboards and badges, encouraging users to contribute more frequently.

SKILLS

PROGRAMMING

Proficient:
JavaScript • Typescript • CSS HTML • C++

Experienced:
SQL • GraphQL

Familiar:
Java • Python

FRAMEWORKS

Next.js • Express.js • NestJS Redux • Tailwind CSS • MUI Jest

LIBRARIES

Node.js • React • Socket.io D3.js • Chart.js

STORAGE

MongoDB • PostgreSQL

TOOLS/PLATFORMS

Git • Postman • AWS • Heroku Prisma • Mongoose

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
BACHELOR'S IN MECHANICAL ENGINEERING
Jul 2018 - Jun 2022 | India
Cum. GPA: 8.29 / 10