Bhavingiri Gusai

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Objective

To explore a job opportunity in a challenging atmosphere that will force me to stretch my abilities and increase my knowledge of computer science while enabling me to improve the dynamics of the business.

Technical Skills

Languages: JavaScript, HTML, CSS
Frameworks: Next.js, React.js, Nest.js, Express, Node.js
Databases: MongoDB, PostgreSQL, Redis
Dev Tools: Github, Gitlab, Docker, Postman

Experience

Mern Stack Developer, Tridhya Tech Limited, Ahemdabad   Aug 2023 – Present

- Worked as a Mern Stack Developer on diverse projects, gaining extensive experience across the technology stack.
- Contributed to the development of SyncUpp, Learning Management System, and Solo Design, each involving a range of technologies and methodologies.
- Gained hands-on experience with both frontend and backend development, including real-time communication, payment processing, and integrating various APIs and services.
- Enhanced skills in Node.js, React, Next.js, TypeScript, and backend technologies like NestJS and PostgreSQL.
- Developed expertise in state management, form handling, file uploads, job processing, and UI/UX design, significantly advancing Mern-stack capabilities.

Front End Developer - Intern, Jatayu Technologies , Gandhidham   Feb 2023 – July 2023

- Created demo projects including a social media platform, portfolio website and e-commerce site.

Projects

SyncUpp - ExpressJS (Monolithic - Backend)

- Developed a versatile platform with multi-role and workspace features to support various business needs.
- Implemented real-time communication using Socket.IO for the chat module.
- Managed data with MongoDB and Mongoose for efficient database interactions.
- Integrated Google Meet and Google Calendar to streamline scheduling and virtual meetings.
- Implemented Google and Facebook authentication for secure and convenient user login.
- Integrated Razorpay for payment processing, including webhook handling for event-driven updates.
- Utilized Multer for handling file uploads, ensuring efficient and secure storage of user-generated content.
- Integrated mail templates to enhance communication and improve user engagement through automated emails.
- Scheduled automated tasks using Cron Jobs to perform regular maintenance and updates.

Solo Design - Next.js (Frontend)

- Developed the frontend of the application using Next.js with an Isomorphic theme and TypeScript for enhanced type safety and maintainability.
- Utilized Redux Toolkit for state management and Redux Persist to ensure that application state is preserved across sessions.
- Integrated the dnd npm package to implement drag-and-drop functionality for a more interactive user experience.
- Implemented file-based routing in Next.js for efficient and intuitive route management.
- Styled the application using Tailwind CSS for a modern and responsive design.
- Used React Hook Form to manage form state and validation efficiently.
- Implemented Zod for schema-based validation to ensure robust data integrity.

Learning Management System - NestJS (Microservice - Backend)

- Built the project using NestJS to leverage its modular architecture and robust support for TypeScript.
- Managed data persistence with TypeORM and PostgreSQL, ensuring efficient and reliable database operations.
- Integrated Stripe for seamless payment processing.
- Implemented Firebase Admin for user authentication and push notifications.
- Used Redis with BullMQ for efficient job queuing and background processing.
- Designed and deployed a microservices architecture to ensure scalability and maintainability.
- Utilized Multer for handling file uploads.
- Integrated email templates for automated communication, enhancing user engagement and support.
- Developed a notification module for real-time updates and user alerts.

Education

HJD Institute Of Technical Education And Research , BE in Mechanical   July 2015 – July 2018

- CGPA: 7.46/10