ZATIN PANDEY

Software Developer
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GitHub | Portfolio | Linkedin

EDUCATION

SRM University   Chennai
Computer Science Btech   2016 - 2020

MIT , Manipal University   Manipal
Computer Science Mtech   2022 - 2024

EXPERIENCE

Acmegrade | Web Developer Intern   Sept 2020 - Aug 2021
- Implemented and ensured end-to-end process of data extraction with DOM manipulations which resulted in higher customer conversion and retention rates.
- Designed and built dashboards with simple yet effective UI and various functionalities following industrys best practices.

eTechCube | Software Developer Intern   Sept 2023 - Nov 2023
React Js , Node Js , Docker , Kubernetes, Next Js , Type Script

eTechCube | Full Stack Developer   Dec 2023 - Present
- Holding the position of Software Engineer at a product-based company, specializing in React and Redux, with additional work in Node.js for API development.
- Improved user experience by decreasing page load speed index by 65% and reducing FCP by 58% to 2.5 seconds.
- Successfully reduced Webpack bundle size by nearly 40%, optimizing the overall projects efficiency.
- Increased gift wrap sales by 30% by implementing a new feature in the online store.
- Worked on multiple projects, including an e-commerce website, customer relationship management system, and admin panel.
- Actively contributed to brainstorming sessions, aligning product requirements with technical solutions.
- Collaborated with cross-functional teams to optimize website performance, leading to a seamless and engaging user experience.

SKILLS

Programming Languages:	C++ , Java Script , C , Html , Css, Typescript
Libraries/Frameworks:	React , Redux , Tailwind, React Router Dom, Mongodb, Next Js, Node Js, BootStrap
Tools / Platforms:	Firebase , Github, Docker, Kubernetes, Git

PROJECTS / OPEN-SOURCE

Ticketing App | Link   *React Js , NodeJs ,Typescript , ExpressJs , Docker , Kubernetes , Nats Streaming Server*
This project was built on a Microservices Architecture using Node.js and React, with Docker and Kubernetes for containerizing each service. NATS Streaming Server was implemented for event-driven communication between the services.

NASA-Dashboard | Link   *Nodejs , React , Express , Arwes*
The frontend was fully developed using React, incorporating the Arwes design framework to create a futuristic UI. The backend adhered to the Node.js MVC architecture, ensuring a structured and scalable codebase. Integration of the SpaceX API facilitated the retrieval of historical rocket launch data. Additionally, users were empowered to schedule new rocket launches to habitable planets identified from Kepler's data, enhancing the interactive and exploratory nature of the application.

Netflix-Gpt | Link   *React Js , Redux , Firebase , TMDB APIs , gpt 3.5 turbo Api , Tailwind,React-Router Dom*

The aim of this project was to create a Netflix-like interface, utilizing Firebase for user data storage. The TMDB APIs were used to fetch movie and TV show lists, while the GPT-3.5 Turbo API served as a recommendation system, passing data to the TMDB API to provide personalized movie and TV show suggestions.

Shoe- Store | Link   *React Js , Redux , Tailwind , Vite, Loadlash , Splide, React Hero Icons , React Hero Toast*
This is a shoe store where I explored various react libraries to make it visually appealing.

QR Code Generator | Link   *React Js , Tailwind, React Icons, React-qr-code*
Cutomizable Qr code Generator, Bar Code Generator and NFC Tag reader.

Notes | Link   *React Js , Redux ,Tailwind*
Simple note taking App using CRUD operations

HONORS & AWARDS

- GATE Qualified 2022