SAI AKHIL MULPURI
Full Stack Developer

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Profile

As a Full Stack Developer, I'm driven by results and have a keen eye for details. My experience building innovative web and mobile applications using HTML, CSS, and JavaScript, as well as frameworks and libraries like React, Redux, React Native, Flutter, and Node.js, has honed my ability to design and implement elegant solutions for complex problems. Along with skills to build front end applications, I have a solid understanding of backend development, I'm well-versed in database design, REST APIs, and server-side technologies like Express.js and MySQL. I enjoy working collaboratively with cross-functional teams and thrive in dynamic environments where I can leverage my skills to deliver high-quality work on time.

Professional Experience

F22 Labs

Software Developer   08/2019 – 07/2021 | Chennai, India

- Developed and maintained responsive web applications using HTML, CSS, JavaScript, and modern front-end frameworks such as React.js, NextJS, and Redux. Developed multiple cross-platform mobile applications using React Native and worked on backend projects using NodeJS frameworks such as NestJS & ExpressJS.
- Worked closely with the design and product teams to ensure that the user interface and user experience were both intuitive and visually appealing.
- Optimized website performance and loading times using techniques such as lazy loading, code splitting, and caching.
- Collaborated with back-end developers to integrate front-end features with server-side APIs and databases using REST APIs and GraphQL APIs.
- Implemented automated testing using tools such as Cypress to ensure code quality and improve overall product stability.
- Kept up-to-date with the latest front-end and back-end technologies and trends, and brought new ideas and best practices to the team.

Frontend Intern   01/2019 – 08/2019 | Chennai

- Responsible for assisting in the development of various web applications using ReactJS and working with the team to ensure a smooth and efficient development process.
- During my time as an intern, I gained experience in creating and implementing new features, optimizing website performance, and improving website accessibility.
- I also had the opportunity to work on React Native projects, where I was involved in building mobile applications using React Native and integrating them with various APIs

Education

Masters in Computer Science,
University Of Central Oklahoma

08/2021 – present
Edmond, United States

Bachelors Of Technology,
Guru Nanak Institute Of Technology

08/2015 – 05/2019
Hyderabad, India

Roles & Responsibilities

- Involvement in setting up & managing CI/CD for frontend applications using tools such as AWS Amplify, Cloudfront, Netlify, Vercel, and Microsoft App Center.
- Develop a single page, cross-device/cross-browser web application sharing utilizing React, React Native, Flutter & Javascript.
- Build reusable components using tools such as Storybook & Bit while optimizing existing code for better usability, and performance.
- Designing database schemas and developing REST & GraphQL APIs using NodeJS frameworks such as ExpressJS, hapi.js, NestJS.

Projects

NoiseFit, iOS & Android

I built the NoiseFit smartwatch companion mobile app from scratch using React Native and App Center. As part of the project, I also integrated Native Modules for connectivity between the devices. The app was a significant improvement over the previous version, which had poor ratings in app stores. With the new app, we were able to improve the ratings to 4+ stars, and we smoothly migrated 5 million users to the new app. This project was particularly satisfying because of the impact it had on improving the user experience and satisfaction with the product.

Frank Darling, Web Application

At my previous company, I worked on Frankdarling, a NextJS-based web application that served as an e-commerce platform for selling jewelry. The application integrated with Shopify services and utilized APIs provided by Shopify for various functionalities. I took charge of designing the UI using TailwindCSS and developed multiple supporting backend applications developed using NestJS such as a task manager for automating the addition and removal of diamond products, and an application for adding metadata and other information to products without the need for accessing the Shopify admin panel. Additionally, I was responsible for optimizing the application's performance and ensuring its smooth functioning across all devices and platforms.

HeyHey, iOS, Android & Web Application

Another project I worked on was HeyHey, which included iOS and Android mobile apps developed using React Native, as well as a web application built with ReactJS. The application is used for celebrity shoutouts, where customers can request personalized videos from their favorite celebrities. The mobile app and web application are both used by customers to browse and select celebrities, place orders, and manage their accounts. The mobile app for celebrities allows them to receive and fulfill requests, as well as manage their profile and earnings.

Throughout the project, I utilized various microservices such as S3 for image and video uploads, Amazon Elastic Transcoder for adding watermarks on videos, AWS CloudFront for content delivery, and integrated various payment gateways such as PayPal, Razorpay, and Stripe for secure payment processing, all of which contributed to the success of the HeyHey platform.

Skills

React • NextJS • Redux • React Native • NodeJs • Flutter • JavaScript • ExpressJS

GraphQL • Firebase • TailwindCSS • Storybook • Vercel • Netlify

AWS S3 & Cloudfront • App Center

Certificates

Flutter Mobile Applications Development
https://credly.page.link/KPo2

Cloud Web Applications Development
https://credly.page.link/muUh

Secure System Administration
https://credly.page.link/qL6j

Programming through UI/UX
Adobe Creative Technology Academy

Fundemental of UI/UX
Adobe Creative Technology Academy

Industry Project
Adobe Creative Technology Academy

Languages

- English
- Telugu
- Hindi