PRASANTH M

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Experienced Software Engineer with over **2+ years** of hands-on expertise in Frontend and Backend technologies such as JavaScript, TypeScript, React.js, Next.js, Node.js, Express, Capacitor.js, and Tailwind CSS. Proficient in version control using Git and adept at problem-solving. Collaborative team player with experience in both group and individual contributions.

SKILLS

- Javascript | Typescript | Python
- React js | Next.js | Capacitor js | Vue js | React Native | Kotlin
- Node.js | Express | Postgres | Redis | Graphql | Frappe | Hasura
- Redux | Tailwind Css | Jest | Html | CSS | PWA | GIT

WORK EXPERIENCE

FR8 — Dec 2021 - Present
Senior Software Engineer

- Contributed to major products of FR8 Loads, Grow, Book, Digitify, OpenFR8, Parlo

FrontEnd

- Designed numerous responsive screens / components with **ReactJs**, **NextJs**, **VueJs**, **Kotlin**, **React Native**
- Implemented **multi language support** using **i18next,** enhancing **user experience** and **market reach**
- Developed **PWA** applications with NextJs and published in play store
- Developed mobile centric applications with ReactJs **Ionic Capacitor** and also added In-App updates
- Implemented **In-App notifications** and **Push notifications** with **OneSignal**, enhancing user engagement
- Implemented **In-App Chat** with Rocket-chat with **custom authentication** and user creation using **NodeJs**
- Developed a **Caller Details app** for employees in **Kotlin** for swift access to customer information during calls
- Designed and developed application using **Frappe** as backend and published them in **Frappe Market Place**
- Implemented **Native API bridging** between ReactJS/NextJs and Android using CapacitorJs
- Implemented **Deep-linking** with android 12 support in PWA apps and CapacitorJs apps
- Implemented custom hooks with React and developed common components.

BackEnd

- Optimised **Search functionality** with **Redis** Cache which resulted in **70%** more **faster search** and less DB hits
- Utilised **Kafka** for real-time data streaming and event processing
- Experienced in creating **APIs** using **Node.js** and also integrating external APIs.
- Developed dynamic **PDF / Report generation** with Node.js and Kotlin
- Developed and managed **cron** jobs for automated and scheduled tasks
- Implemented web-sockets for seamless data refresh in frontend, improving realtime updates

Redpyx Technologies — Sep 2020 - Dec 2020
Machine Learning Intern

- Tech Stack - Html | Css | Python | Flask | Machine Learning
- Developed a predictive model for Hepatitis B Virus Disease using Python and Machine Learning techniques.
- Designed a user-friendly interface with HTML and CSS to visualise and interpret the results, facilitating seamless interaction with user inputs.

EDUCATION

Master of Science in Software Systems - 81% — 2017 - 2022
PSG College of Arts and Science - Coimbatore

HSC - 85% — 2016 - 2017
Infant Jesus Metric Higher Secondary School - Tirupur

SSC - 94% — 2014 - 2015
Infant Jesus Metric Higher Secondary School - Tirupur

CONFERENCE

- Frappe Verse - 2023 (Mumbai)
- FOSS United - 2023 (Chennai)