GOGULAN K

SOFTWARE ENGINEER (FRONTEND)

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PROFESSIONAL SUMMARY

Results-driven Frontend Software Engineer with 5 years of expertise in crafting high-performance web applications using ReactJS, JavaScript, and TypeScript. Proficient in developing efficient, responsive, and user-friendly interfaces, Experienced in collaborating with cross-functional teams to design and develop robust solutions.

SKILLS

- **Frontend Development**: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- **UI Architecture**: Component libraries, Micro Frontends, HOC, Context API
- **Styling Systems**: Material UI, Styled-Components, Tailwind
- **State Management**: Redux, React Query, Context API
- **API & Backend**: RESTful APIs, GraphQL , JSON, Axios, Swagger
- **Testing & QA**: Jest, React Testing Library
- **Performance**: Lighthouse, Chrome DevTools, Lazy Loading, Code Splitting
- **Accessibility & UX**: WCAG standards, responsive design, cross-browser compatibility
- **Tools**: Git, Webpack, Vite, VSCode, JIRA, Figma, Postman

WORK HISTORY

Software Engineer, 02/2023 - Current

ZF Group – Bangalore, India

Frontend Developer – SCALAR (Digital Fleet Orchestration Platform)

As a frontend developer, I was primarily responsible for building and maintaining scalable, modular, and efficient user interfaces across multiple products within the SCALAR platform.

- **Eco Performance:** Developed dashboards and visualizations focused on driver performance analysis from an organizational perspective.
- **Cargo App (Mobile):** Built a React Native app for drivers to monitor real-time performance metrics, ensuring usability on the go.
- **Fuel and EV Management:**
  Migrated a legacy fuel management application (tracking fuel efficiency, refueling, and drop events)

into the SCALAR ecosystem.

Designed and implemented new features to support electric vehicle (EV) management, such as charging status and energy monitoring.

- Played a pivotal role in the **migration of legacy systems** and **integration of EV-related features** into the new platform.
- **Custom Libraries:**

  Built and maintained reusable component packages (charts, maps, icons)

  Integrated and documented using **Storybook**

  Contributed actively to the shared component library for consistency and reusability across apps
- Developed reusable components that significantly reduced development effort on multiple projects.
- Integrated new technologies into existing systems, increasing capabilities and improving overall performance.

Programmer, 05/2022 - 01/2023

Ionixx Technologies – Chennai, India

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance
- My project was online buy and sale NFT platform (mojito)
- We use blockchain in this project
- In that my part was frontend using react we developed that
- Good Experience in React to develop interactive UI

ASSISTANT SYSTEM ENGINEER, 10/2020 - 04/2022

Tata Consultancy Service – Chennai, India

- At TCS, I adhered to company policies and completed internal certifications, enhancing my communication skills and professional etiquette
- I worked on the Online Banking for Business web application for the Bank of Montreal (BMO), which utilized a micro services architecture
- Key Experiences: Micro services Architecture: Worked on scalable and maintainable applications
- Collaboration: Collaborated with developers on code maintenance and enhancements

EDUCATION

Bachelor of Engineering: Computer Science and Engineering, 05/2016 - 04/2020

Karpagam College of Engineering - Coimbatore, India

LANGUAGES

English   Tamil