SWATHI K

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SUMMARY

Frontend Developer with 2.6+ years of experience building **responsive, performant, and accessible** web applications using **React, TypeScript, and Material UI**. Skilled in **component-driven development**, **state management (Redux/Context API)**, and **API integration.** Passionate about crafting smooth user experiences, optimizing performance across devices, and delivering maintainable, production-ready code.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
TKM College of Engineering, Kollam, Kerala University
CGPA: 7.86 | 2014 – 2018

SKILLS SUMMARY

- **Programming Languages:** JavaScript (ES6+),TypeScript, Java, Python, SQL, C, C++
- **Frontend Development:** React.js, HTML5, CSS3,Material‑UI , Redux, SCSS, React Query
- **API Integration:** RESTful APIs using Axios and fetch in React.js , Firebase , Websockets
- **State Management:** Redux , Redux Toolkit , Context API
- **Performance :** Lazy Loading , Virtualization , Code Splitting , Caching Strategies
- **Testing :** Jest (Unit testing)
- **Other Tools & Platforms:** Git, Figma, Jira, Vite , Vercel, Microsoft Excel,
- **Backend Knowledge:** Basic understanding of Java, Python, and Node.js

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WORK EXPERIENCE

Frontend Developer | Cloudone Logistics   October 2023 – March 2025

- Developed and enhanced the **TRACKYO SaaS** supply chain management webpage, implementing responsive UI and API integration for real-time delivery tracking and order management.
- Designed and implemented dynamic, user-friendly, and high-performance web applications using **React.js and TypeScript,** improving user engagement by **20%.**
- Integrated REST APIs using Axios and optimized data fetching with caching and memorization.
- Implemented **pagination and virtualization** to efficiently manage large datasets, improving table rendering speed by **35%.**

- Built **reusable, modular components** that reduced future development effort by **25%.**

- Implemented **responsive design** techniques to ensure consistency across desktop, tablet, and mobile devices.

- Optimized **application performance** for better speed and scalability.

- Followed best coding practices by writing clean, maintainable, and testable code with unit tests using **Jest.**

- Collaborated with cross-functional teams using Agile methodology and tracked progress with **Jira.**

- Participated in code reviews to improve overall code quality.

- Used **Figma** for designing and prototyping user interfaces.

Junior Software Engineer | SunTec Business Solutions Pvt Ltd   July 2018 – October 2019

- Developed **responsive web applications** using **React.js, TypeScript, HTML, CSS, and JavaScript**.

- Migrated legacy UI components to **modern React + TypeScript** architecture, reducing load times by **15%**.

- Integrated front-end applications with **RESTful APIs** and optimized data fetching strategies.

- Improved **type safety and code reliability** by leveraging TypeScript's strong typing features.

- Worked closely with UI/UX teams to enhance **user experience (UX)** and ensure design consistency.

- Optimized web performance by **reducing bundle sizes** and improving rendering efficiency.

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ACHIEVEMENTS

- **Secured Rank 1118** in the **Kerala Engineering Entrance Examination (KEAM)** - 2014.

- **Active IEEE Member** during college; participated in various tech activities and **Robotics Challenge.**

- Presented an innovative idea on **Solar Energy** during **Denovo Tech Fest**, organized by college.

- Participated in the **IoT Challenge** conducted **by IIT Madras** as part of a four-member team. Secured first place in the coding round at the college level and qualified for the next round, where we had to present an idea for implementation in the subsequent level if selected.

- Demonstrated strong involvement in technical and idea-pitching platforms, showcasing communication and problem-solving skills.