



# Sonali Saroj

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## Professional Summary

Results-driven **Software Engineer** with **2.11** years of hands-on experience in **JavaScript**, **React.js**, and **front-end web development**. Skilled in building responsive, scalable web applications and collaborating in agile environments. Proficient in modern front-end tooling, state management, and RESTful API integration. Committed to writing clean, maintainable code while continuously enhancing software performance and user experience.

## Professional Experience

### Capgemini

Nov 2022 – Present

*Associate Software Engineer*

- Launched and maintained scalable **React-based** user interfaces for client-facing applications.
- Established a code review process that enforced the usage of reusable components and custom hooks, resulting in a 30% decrease in code complexity and improved long-term maintainability.
- Worked on the frontend design of **Gen AI** application using React.js, reducing initial load time by 20%.
- Ensured cross-browser compatibility and responsive design across Chrome, Firefox, Safari, and Edge, improving accessibility and user experience consistency.
- Built a **Flutter**-based mobile application for the IoMT (Internet of Medical Things) Demo project, improving app performance by 30% and enhancing development efficiency, leading to a 20%-time savings through efficient code reuse and modular architecture.
- Collaborated closely with back-end developers to consume **RESTful APIs** and ensure seamless data flow.
- Participated in daily stand-ups, sprint planning, and peer code reviews in an Agile team.
- Assisted in the implementation of single-page applications using **React.js** and **Redux**, leading to 25% boost in interface fluidity and system agility.
- Translated UI/UX wireframes into interactive web pages using **HTML**, **CSS**, and **JavaScript**, improving user engagement and reducing development time by 20%.
- Managed **Git version control**, resolved merge conflicts with 100% accuracy, and implemented a structured branching strategy, enhancing code stability and reducing deployment time.

## Technical Skills

- **Languages:** JavaScript (ES6+), HTML5, CSS3, Java (Basics)
- **Frameworks & Libraries:** React.js, Redux, React Router, Tailwind CSS, Bootstrap, Flutter, Streamlit.
- **Tools:** Git, GitHub, VS Code, Webpack, Babel, Postman, NPM, Vite
- **Methodologies:** Agile (Scrum), RESTful APIs, CI/CD (basic)
- **Technology:** Gen AI, IoT.
- **Soft Skills:** Team collaboration, effective task prioritization under tight deadlines, strong communication skills.

## Certifications

- Agentic AI
- Prompt Engineering

## Projects

### Project 1:

**Clinical Buddy** (GenAI Application) – Medical & Life Sciences Domain

**Duration:** 15 Months

**Team Size:** 5

**Technologies:** React.js, Redux, JavaScript, HTML, CSS, Streamlit, Python, LLM (OpenAI Azure)

**Domain:** Healthcare / Life Sciences

#### Project

#### Overview:

Architected an AI application using LLMs, leading to a 4.7/5-star user satisfaction rating by medical staff and enhanced data interaction via a responsive web interface. The solution was created to support medical professionals with intelligent insights and improved data interaction through a responsive web interface by achieving a 15% reduction in time to diagnosis and analysis.

#### Key Responsibilities:

- Designed and delivered user-friendly **SPA**, responsive UI components using **React.js, JavaScript, HTML, and CSS** aligned with modern UX principles.
- Collaborated with the AI team to integrate **Streamlit** based demo interfaces into the production-grade **React.js** front-end which result in 30% faster page load.
- Incorporated state management using **Redux** for seamless **UI behaviour** and efficient data flow, reduced code complexity by 20%.
- Coordinated with backend developers and AI engineers to fetch and display data from **OpenAI Azure-hosted LLM** models using APIs, shrinking API latency by 15% through optimized data fetching and display methods.
- Actively participated in code reviews, **UI/UX** discussions, and agile ceremonies for timely delivery of features, decreasing bugs by 5%.

#### Skills Applied:

React.js, Redux, JavaScript, HTML, CSS, Python, OpenAI Azure.

### Project 2:

#### *E-commerce Website*

Developed a fully responsive e-commerce platform using **React.js**, featuring intuitive product browsing, cart management, and a seamless checkout process. Utilized **React Router** for smooth navigation and used **Redux** for efficient state management across components. Integrated secure payment gateway APIs and authentication to ensure safe transactions. Focused on delivering a modern, user-friendly interface with reusable components, optimized performance, and scalability for future feature expansion.

#### Skills Applied:

React.js, Redux, React Router DOM, JavaScript, HTML, Tailwind CSS.

## Education

Bachelor of Technology (B-Tech) in Electronics and Communication

Amity University Jharkhand (CGPA: 9.07)