

# SAKSHI SINGH

## Front-End Developer

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### PROFESSIONAL SUMMARY:

Around **4 years** of working experience as a **Front End Developer** with a proven track record of designing and developing high-quality, user-centric web applications. Expertise in **React, Angular, JavaScript, TypeScript, HTML, CSS** and **modern front-end frameworks**. Proven ability to optimize application performance, implement robust testing strategies and integrate with various **APIs** and **backend services**. Strong experience developing responsive and accessible **web applications** focusing on user experience and performance. Adept at collaborating with cross-functional teams and adhering to **Agile methodologies**.

### TECHNICAL SKILLS:

**Frontend Development:** React.js, Angular, TypeScript, HTML5, CSS3, SCSS, Chart.js, D3.js, Highcharts

**State Management:** Redux Toolkit, NgRx, React Context API

**Testing:** Jest, Cypress, Jasmine, Karma

**API Integration:** RESTful APIs, GraphQL, WebSockets, Bloomberg API, Payment Gateways (PayPal, Stripe)

**Performance Optimization:** Chrome DevTools, Advanced Performance Optimization Techniques

**Authentication & Security:** OAuth 2.0, JWT, PCI DSS Compliance, ADA/WCAG Standards

**Continuous Integration/Deployment (CI/CD):** Jenkins, GitHub Actions

**Version Control:** Git, GitHub

**Design Tools:** Figma

**Collaboration & Tracking:** Jira, Agile Methodologies, Cross-Functional Team Collaboration

**Data Visualization:** Chart.js, R, D3.js, Highcharts, Real-Time Monitoring Functionalities

**Accessibility:** ADA/WCAG Standards, Localization and Multi-Language Support

### EDUCATION:

**Master's in Computer Science** - Pace University, NY, USA.

**Bachelor's in Computer Science Engineering** - MS Ramaiah University of Applied Sciences, Bengaluru, India.

### PROFESSIONAL EXPERIENCE:

#### Morgan Stanley, NY | Front End Developer | Mar 2024 – Current

- Reduced **API** response times by **40%** by implementing efficient state management using **React.js** Context **API** and optimizing **REST API** calls for better data handling.
- Increased unit and integration test coverage to **95%**, minimizing post-deployment defects and ensuring application stability through **Jest** and **Cypress** testing frameworks.
- Developed a highly responsive financial portfolio dashboard using **Vue.js, React.js, TypeScript** and **Redux Toolkit**, incorporating **Hooks** and **Context API** for dynamic & real-time data updates.
- Integrated **Bloomberg API** to fetch and display live financial data, utilizing **WebSockets** to provide users with real-time market updates and seamless navigation.
- Implemented interactive financial charts using **Chart.js, D3.js** and **Highcharts**, empowering users to analyze trends and market data with advanced filtering and customization options.
- Converted **Figma prototypes** into **pixel-perfect, mobile-first designs** using **HTML5, CSS3** and **SCSS**, enhancing user engagement and ensuring device consistency.
- Configured secure **OAuth 2.0** and **JWT** authentication mechanisms, aligning with banking industry security standards for user login and authorization workflows.
- Streamlined testing processes with **Jest** and **Cypress**, identifying and resolving **95%** of critical defects in early development stages.
- Automated **CI/CD** workflows using **Jenkins** and **GitHub Actions**, reducing deployment times by **40%** and ensuring seamless releases.
- Integrated and secured payment gateways (**PayPal, Stripe**) for seamless financial transactions, ensuring **PCI DSS** compliance and user trust.
- Streamlined task management and issue tracking using **Jira**, ensuring transparency, accountability and alignment across cross-functional teams.

#### Cipla, India | Front End Developer | Jan 2020 – Dec 2022

- Spearheaded the development of a responsive **web application** that enhanced patient engagement metrics by **40%**, utilizing user-centric design principles to improve interaction and satisfaction.
- Achieved a **30%** reduction in page load times through advanced performance optimization techniques, including resource magnification and efficient asset management.
- Integrated real-time **patient monitoring** functionalities using **WebSockets**, significantly enhancing data accuracy and timeliness for healthcare providers.
- Developed modular and reusable components in **Angular leading** to improved code maintainability and faster development cycles.
- Employed state management solutions using **NgRx** to facilitate efficient data handling and enhance application performance.
- Integrated **RESTful APIs** to ensure seamless and efficient data communication with back-end services, optimizing data retrieval processes.
- Conducted extensive testing using **Jasmine, Karma** and **Cypress** to validate application reliability and performance, ensuring a bug-free user experience.
- Ensured adherence to **ADA/WCAG** standards for accessibility in healthcare applications, promoting inclusivity for users with disabilities.
- Collaborated with **back-end developers** to ensure smooth integration of **APIs**, facilitating efficient **data flow** and enhancing application functionality.
- Configured **Continuous Integration/Continuous Deployment (CI/CD)** pipelines for automated deployment and version control, enhancing development efficiency.
- Utilized **Chrome DevTools** for in-depth debugging and performance profiling, identifying and resolving issues to enhance application performance.
- Assisted in the **localization** of the application to support multiple languages, enhancing accessibility for non-English speaking users.