

# Sajal Birla

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## SUMMARY

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Highly determined and user-focused Front-end Developer with a wealth of experience in constructing single-page applications and multi-platform websites using Responsive Web Design. Proficient in HTML5, CSS3, JavaScript, and ReactJs, adept at transforming designs into fully functional UI components. Collaborative and solution-driven, with a keen eye for detail and a passion for continuous learning strategies.

## EDUCATION

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### Swami Keshvanand Institute of Technology (SKIT)

*Bachelor of Technology in Computer Science*

Jaipur, Rajasthan

Aug. 2018 – June 2022

## EXPERIENCE

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### Software Engineer

Jan 2022 – Present

*BigStep Technologies*

*Gurugram, India*

- Proficient in utilizing WebRTC to capture and optionally stream audio and video media.
- Executed RESTful API's to make HTTP requests for fetching and submitting data to the backend.
- Built reusable code for future use and optimized web pages for 5 applications for maximum speed & scalability.
- Worked with UI/UX design teams to improve existing applications and increase conversion rates by 20%.
- Integrate real-time Google Analytics on the website for live traffic monitoring, user count, average visit duration, and click-through analysis.
- Enhanced a login authorization component to provide different login types based on the type of user accessing.
- Developed and implemented multiple dynamic and browser-compatible web pages utilizing HTML5, CSS3, JavaScript, and React (Redux), resulting in a 40% increase in page loading speed and a 25% decrease in bounce rate.

### Frontend Developer

July 2021 – Nov 2021

*Ameyatrix Business Solutions Pvt. Ltd*

*Okhla, New Delhi*

- Collaborated with cross-functional teams to enable seamless payment processes from customers to merchants.
- Built extensive test coverage for all new features, reducing the number of customer complaints by 10 %.
- Optimising components for maximum performance across a vast array of web-capable devices & browsers by 50%.
- Crafted Controlled Web & App interfaces to enhance the overall customer experience.
- Implemented a fraud and risk detection system for payment transactions, ensuring secure and reliable financial operations.

## PROJECTS

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### Web Application Current Weather of Any City | HTML5, CSS3, JavaScript, ReactJs & API

- Utilized OpenWeatherMap's API to fetch and innovative current weather data.
- Applied Modern Javascript with React hooks and conditionals for efficient data retrieval.
- Developed a user-friendly interface allowing users to input any city and receive a visually appealing weather response.

### React Expense Manager web Application | HTML5, CSS3, JavaScript, ReactJS & API

- Using React hooks and conditional we can input the detail of your Expense and store it in a Storage.
- Designed and Expanded an Expense Manager web application to track income and expenses with local storage functionality.
- Collaborated with administrators to suggest features and get feedback about the Expense Manager web Application.

## TECHNICAL SKILLS

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**Languages :** C/C++, Python, JavaScript

**Web Technologies:** HTML5, CSS, JQuery, TypeScript

**Frameworks:** ReactJs, NodeJs, Angular, , Material-UI, FastAPI, NextJs

**Database Management System :** MYSQL (8.0.22), MongoDB

**Soft skills:** Communication, Leadership, Problem-solving, Creativity

**Developer Tools:** Git, Docker, VS Code, Visual Studio, IntelliJ