

# Adarsh Patel

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## Education

### M.Sc.IT

ISTAR Collage • Anand, Gujarat  
04/2023  
Graduated —7.62 GPA

### B.Sc.IT

Natubhai V. Patel College of Pure & Applied Sciences • Anand, Gujarat  
05/2021  
Graduated —8.30 GPA

## Skills

Communication skills, Time management, Conflict Resolution, Leadership, Team work, HTML5, CSS3, Bootstrap, JavaScript, ReactJS, ExpressJS, MongoDB, Microsoft SQL Server, PostgreSQL, GitHub, MUI, Vercel, Render, Tailwind CSS

## Experience

### Front End Developer

Bapa Sitaram Group of companies • Baroda, Gujarat  
05/2023 - Present

- Developed and maintained user-friendly web-based software utilizing React.js, Axios, React Router, Redux, and Material-UI.
- Implemented responsive designs and ensured cross-browser compatibility to enhance user experience.
- Leveraged functional components and React hooks to streamline development processes and improve code readability.
- Integrated Identity and Access Management (IAM) solutions to ensure secure user authentication and authorization.
- Collaborated with cross-functional teams to gather requirements, troubleshoot issues, and deliver high-quality solutions within project timelines.
- Actively participated in code reviews and provided constructive feedback to enhance team efficiency and code quality.
- Stayed updated with the latest front-end development trends and technologies to continually improve skills and contribute innovative solutions.
- Developed and launched **rgva.in**, **RGAV admin**, an **Ayurveda e-commerce website**, **BSIT**, enhancing user experience through intuitive design and robust functionality.
- Created **bsre.in**, focusing on user-centric design and seamless navigation, resulting in improved customer engagement and satisfaction.

This experience section highlights the key technologies and skills relevant to a junior front-end developer role, showcasing proficiency in React.js, Axios, React Router, Redux, Material-UI, hooks, and IAM integration.

## Languages

Gujarati, Hindi, English

## Certificates

Interactivity with JAVA Script, Introduction to Web Development

## Projects

CollabBros – Real-Time Collaborative Code Editor

- Developed a **real-time collaborative code/text editor** enabling multiple users to edit simultaneously via shareable room links.
- Implemented **WebSocket/Firebase** synchronization for instant updates, supporting **JavaScript/Python/HTML/CSS** with syntax highlighting.
- Designed a **room-based system** with auto-generated codes, allowing users to join via URL without authentication.
- Integrated **live chat** for team communication during collaboration using Socket.io or Firebase Realtime Database.
- Built with **React + TypeScript** for type-safe frontend, hosted on Vercel with CI/CD pipelines.
- Optimized performance by **debouncing network calls** and compressing WebSocket payloads.

#### APTechnical Project

- Developed as a foundational project to enhance my skills in React.js and familiarize myself with various libraries.
- Leveraged essential React features and installed libraries to create a responsive and interactive web application.
- Focused on best practices in component structure, state management, and UI design.

#### RGAV.IN

- Developed a complete frontend website and an Admin panel for **RGAV.IN**, centered around Ayurveda.
- The website is built using **React, JavaScript**, and **MUI (Material UI)**.
- It includes features such as login/signup with refresh token authentication, product display, and data fetching via Axios.
- The site also offers filtering options for products, enhancing user experience by allowing users to easily search and refine Ayurveda-related products.

#### Shopping Center Project

- Developed a fully functional e-commerce platform using **React, Vite, TypeScript**, and **Material-UI**.
- Implemented user authentication features, including secure login and signup with encrypted passwords, utilizing cookies and JWT for authentication.
- Managed application state effectively with **Redux**, ensuring smooth user experiences and efficient data handling.
- Integrated APIs to fetch data from a structured **Express.js** backend, ensuring seamless data flow and functionality.
- Designed and developed an inventory management system for efficient product stock management.

#### Payroll System

- Designed, developed, and tested a desktop application based on **VB.NET**.
- Created an **Employee Salary System**, which included HRA and DA as part of the salary structure.
- Generated monthly reports according to payments made.

#### CRM for Railway

- Created a railway service CRM and deployed it on a server.
- The CRM was made using **HTML5, CSS5**, and **PHP**.
- The system was specifically developed to increase the monitoring of materials in the railway environment.
- It included features for **travel allowance, railway parts**, and **bills**.