

# Sabyasachi Rakshit

## React.js Developer

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### PROFESSIONAL SUMMARY

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Frontend React.js Developer with 3+ years of experience building scalable, high-performance web applications using React.js, JavaScript (ES6+), HTML5, CSS3, and modern UI libraries. Strong expertise in component-based architecture, React Hooks, REST API integration, real-time features using WebSockets, and dashboard development using Ant Design and Chart.js. Proven track record in debugging, performance optimization, and preventing production issues in production-level applications.

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### TECHNICAL SKILLS

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- ★ **Frontend Development-** React.js(3+years), Redux, JavaScript (ES6+), HTML5, CSS3, Component-Based Architecture, React Hooks (useState, useEffect, useContext, useMemo, useCallback), Responsive Web Design, Cross-Browser Compatibility, UI Development from Figma Designs, Ant Design (AntD), Chart.js (Data Visualization), Drag & Drop Functionality Implementation, Infinite Scroll & Pagination.
- ★ **Backend and APIs -** RESTful APIs, Node.js (Basic), Express.js (Basic), WebSocket (Real-Time Communication)
- ★ **Testing, Debugging & Quality Assurance -** Debugging & Bug Fixing, Manual Testing, Performance Optimization, Bug Hunting & QA Support
- ★ **Tools & Platforms -** Git, GitHub, GitHub CoPilot, VS Code
- ★ **AI Tools (Development Assistance) -** ChatGPT , Deepseek, Claude AI, Perplexity AI
- ★ **Additional Technical Knowledge -** Low Code / No Code Development (Basic)

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## WORK EXPERIENCE

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Pointerz Inc. [LinkedIn](#)

San Francisco, California, United States

React.js Developer (Remote Work)

Dec 2022 - Dec 2025

- Worked as a **Frontend React.js Developer**, contributing to the design, development, and maintenance of scalable web applications.
- Implemented **Redux** for centralized state management in selected modules.
- Integrated **frontend components with RESTful APIs** to enable efficient data fetching, real-time updates, and seamless user interactions.
- Followed **component-based architecture** and clean coding practices to improve code reusability, maintainability, and readability.
- Ensured **fully responsive UI across all screen sizes** using CSS media queries and the **react-device-detect** package
- Designed and developed a complete **Taskforce Module**, including a **Kanban-style board (Trello) with Drag & Drop functionality**.
- Built an **HR Dashboard** for performance review overviews, implementing **data visualizations** for 100+ employees using the Ant Design library.
- Developed a comprehensive **Employee Rewards Module**, supporting reward assignment, tracking, redemption, and history management.
- Implemented **table pagination** and **infinite scrolling** using React NPM packages.
- Improved performance and usability in **notice boards** and **activity log** modules, reducing lag by 25%.
- Created **dynamic survey components** and implemented **pie charts and bar charts** using Chart.js.
- Produced multiple visual elements of web applications by translating **FIGMA UI/UX** design into react code, producing high quality markup using **HTML5** and **CSS3**.
- Proactively identified, analyzed, and **debugged complex frontend issues**, ensuring application stability and smooth user experience and suggested 10+ potential improvements within the web app.
- Performed **manual testing** across features and fixed the bugs found in modules to prevent production issues (Prevented 15+ production issues).
- Collaborated closely with backend and product teams to **fix bugs efficiently**, optimize workflows, and improve overall application reliability.
- Volunteered for **bug hunting and quality assurance activities**, actively identifying hidden issues beyond assigned tasks to improve product quality.
- Worked with **FlutterFlow** to implement UI updates, configure user interactions, and bind actions to interface elements.
- Assisted in **data fetching and table integration** by connecting FlutterFlow components with backend Supabase.
- Designed and implemented **Scheduled Push Notification functionality** by writing custom **Dart code**, extending FlutterFlow capabilities beyond default actions.
- Integrated **Supabase Authentication** to securely manage user identity and authorization flows.
- Implemented **FCM (Firebase Cloud Messaging)** token generation and storage using **Supabase**, enabling targeted push notifications.

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## PROJECTS

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- **STRANGER CHAT WEB APP**

Implemented profanity filtering and real-time messaging to improve user safety and engagement. Built backend APIs and WebSocket-based message handling using Express.js

Link for frontend - <https://github.com/sabyasachirakshit/str-chat-react>

Link for backend - <https://github.com/sabyasachirakshit/str-chat-express>

**Tech Stack:** React.js, Express.js, WebSockets, JavaScript, Node.js

- **AUTOMATION FOR SURVEY FILLING**

Created automation for filling survey data from multiple (30+) employee profiles in Chrome WebDriver using Python and Selenium.

Link for Automation code - <https://github.com/pointerz-me/pointerz-automation>

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## EDUCATION

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**Adamas University**

**Kolkata, West Bengal, India**

Bachelor of Technology, Computer Science [2017-2021]

Cumulative GPA: **7.68**

- Minor Project - **Text Summarization in Python** using NLTK
- Major Project - **Railways Announcement System** in Python using PyQt5 GUI

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## CERTIFICATIONS

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- **Ethical Hacking** 2-day workshop from IIT Kharagpur (**Megalith 2020**), covering basic vulnerability assessment and security concepts.
- **Responsive Web Design** from freecodecamp