

# Sabyasachi Rakshit

## React.js Developer

West Bengal-700125, India | (+91) 8910124047 | Email: [sabyasachirakshitacs19@gmail.com](mailto:sabyasachirakshitacs19@gmail.com) | LinkedIn: <https://www.linkedin.com/in/sabyasachi-rakshit/> | GitHub: <https://github.com/sabyasachirakshit>

---

### PROFESSIONAL SUMMARY

---

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.

---

### TECHNICAL SKILLS

---

- ★ **Frontend Development** - React.js (3+ years), 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)
-

## WORK EXPERIENCE

---

Pointerz Inc. [LinkedIn](#)

React.js Developer (Remote Work)

San Francisco, California, United States

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.
  - Performed small UI enhancements and functional adjustments to support rapid feature delivery.
  - 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.
-

## PROJECTS

---

- **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>

---

## EDUCATION

---

**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**

---

## CERTIFICATIONS

---

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