

Supratik Chakraborty

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EDUCATION

• West Bengal University of Technology

Kolkata, India

B.Tech (Bachelor of Technology) in Information Technology; CGPA: 9.11

July. 2019 – Aug. 2023

EXPERIENCE

• Trumio

Remote

Software Engineer - (Frontend Focus)

Mar 2024 - Present

- Admin Platform: Built and maintained the **admin platform** used by **5 customer organizations** with 100 participants each, improving **Lighthouse scores** by **12–18%** via bundle and render-path optimizations.
- Analytics Dashboard & Insights: Developed RBAC-driven dashboards with **Recharts + shadcn**, improving visibility and evaluation workflows for managers.
- Internal Design System: Pioneered a **40+** component design system as a **private npm package**, extending **shadcn/ui** with company tokens; added **Storybook docs** and **RTL + Jest tests**, reducing FE dev time by **20%**.
- Feedback & PR Analysis Pipeline: Integrated **SurveyJS** and created a **FastAPI cron service** processing **200–300 PRs/month** to generate automated, **LLM-backed summaries**.
- Frontend Release Ownership: Owned **10+** major releases and supported **bi-weekly deployments**, while driving documentation and knowledge-base improvements.
- Management: Mentored **2 engineering interns** through POC-to-full-time conversion.
- Tech Stack: **React, TypeScript, Vite, Zustand, shadcn/ui, Recharts, Storybook, SurveyJS, RTL + Jest, FastAPI, CometChat, GitHub Actions**

• Reunion

Mumbai, India

Software Development Engineer - (SDE-1)

Oct 2023 - Mar 2024

- Frontend Development: Developed data-intensive UI components for a real-estate risk analysis platform using **Gatsby** and **React**, improving accessibility and rendering of **10,000+ regulatory and property records**.
- Backend Scraping & Data Pipelines: Implemented web scrapers using **BeautifulSoup** to extract data from **20+ government real-estate portals**, and built distributed ingestion workflows with **Celery + RabbitMQ** that processed **hundreds of records per run**; integrated **Keycloak** to provide secure, role-based access.
- Tech Stack: **Gatsby, React, Keycloak, BeautifulSoup, Celery, RabbitMQ, Python**

PROJECTS

◦ QuietSpace - quietspace-tan.vercel.app:

- * Full-Stack Development: Built a mental wellbeing app with **mood tracking, journaling, and AI-assisted reflection** using **Next.js, Supabase, and Google Gemini + Vercel AI SDK**.
- * AI Companion & Dashboards: Implemented AI chat with **contextual memory**, mood/journal flows with **100+ test entries**, and progress dashboards using **Zustand, shadcn/ui, and Recharts**.

◦ Nimbus - nimbus-chess-v2.vercel.app:

- * AI Chess Analysis Platform: Developed a chess learning platform enabling users to import PGN games and receive **Google Gemini–driven analysis** using **Next.js, TypeScript, and Supabase**.
- * Interactive Puzzle & History System: Implemented personalized puzzle generation, game import workflows, and history tracking for **50+ analyzed games per user** using **Zustand and shadcn/ui**.

SKILLS

- Languages: Javascript, Typescript, Python, HTML/CSS, C++, SQL
- Frameworks & Libraries: React, Next.js, Vite, Gatsby, Zustand, Redux, shadcn/ui, Node.js, Express, FastAPI
- Platforms & Tools: Azure, Supabase, Keycloak, GitHub Actions, Docker, Linux, Git, GitHub, LaTeX