

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:** Built 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:** Built data-intensive UI components for a real-estate risk analysis platform using **Gatsby** and **React**, improving presentation and accessibility of high-volume regulatory and property datasets.
 - **Backend Scraping & Data Pipelines:** Implemented web scrapers using **BeautifulSoup** to extract data from government real-estate regulatory portals, and developed distributed ingestion workflows with **Celery + RabbitMQ** for reliable, scalable data processing; integrated **Keycloak** for secure authentication.
 - **Tech Stack:** Gatsby, React, Keycloak, BeautifulSoup, Celery, RabbitMQ, Python

PROJECTS

- **QuietSpace - quietspace-tan.vercel.app:**

Built a full-stack mental wellbeing app for mood tracking, journaling, and AI-assisted reflection using **Next.js**, **Supabase**, and **Google Gemini + Vercel AI SDK**; implemented mood and journal flows, AI companion chat with historical context, and goal tracking features with **Zustand**, **shadcn/ui**, and **Recharts**.

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