

Subhrodeep Acharya

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Summary

Full-stack developer with strong experience building AI SaaS apps, automation service platforms, and responsive UIs. Proficient in Next.js, React.js, Node.js, PostgreSQL, and modern tooling like Clerk, Stripe, Prisma, and Gemini AI. Passionate about solving real-world problems through scalable, secure, and elegant web applications.

Technical Skills

- **Languages:** JavaScript, C/C++, Python, SQL
- **Frontend:** NextJS, Tailwind CSS, React JS, HTML, CSS
- **Backend:** Typescript, PostgreSQL, MongoDB, Prisma ORM, Node.js, Express.js, Rest API
- **Utilities:** Git, Github, Figma, Postman, Vercel, NextAuth, Clerk, Stripe API

Experience

The Robosphere | Freelance Full-stack Developer | [GitHub](#) | [Live Link](#)

June 2025 — July 2025

- Designed and developed a **professional business website** to showcase **robotics innovations, automation solutions**, and project expertise.
- Created a **fully responsive, modern UI** using **Next.js, Tailwind CSS, and Framer Motion**, optimized for all devices and dark mode.
- Integrated **dynamic components** and reusable UI elements using **TypeScript** and **Shadcn UI** for maintainable, scalable design.
- Implemented a clean **contact system and inquiry flow**, allowing potential clients to submit service requests directly from the website.
- Configured and connected a **PostgreSQL database using Prisma ORM** for efficient data modeling, type safety, and server-side data access.
- Merged **NextAuth.js** for secure, extensible user authentication, enabling protected access to admin dashboard and internal features.
- Deployed on **Vercel** with a custom domain, achieving excellent **Core Web Vitals** scores and minimal time-to-first-byte (TTFB).

Bluestock Fintech | Software Development Engineer Intern

June 2025 — July 2025

- Worked with the **Frontend team** to build beautiful **fully responsive** landing page and dashboard page.
- Built multiple internal dashboards to track Upcoming IPOs, Orders, Price, Transactions, and related entities.
- **Reported two major bugs in Retool platform to their Engineering Team.**
- Enhanced few end-to-end **REST API** endpoints with necessary **Unit & Integration Tests** to fetch Order details & generating Invoices.

Projects

Quick AI | Full-stack AI SaaS Application | [GitHub](#) | [Live Link](#)

July 2025 — Present

- Developed a fully production-grade **AI SaaS platform** using **React, Node.js, Express.js**, and **PostgreSQL**, targeting real-time content generation and automation use cases.
- Incorporated **Google Gemini AI API** to enable intelligent content creation, enhancing user productivity through natural language prompts.
- Implemented secure user authentication and session management using **Clerk**, including support for social logins and account management.
- Designed and deployed a **coin-based credit system**, allowing users to purchase coins and unlock **premium AI features via a real payment gateway (Stripe)**.
- Engineered a robust backend API in **Express.js**, handling user subscriptions, AI requests, and transaction history with proper validation and error handling.
- Created a clean, modern UI with **responsive layout** and conditional rendering to provide a seamless user experience across mobile, tablet, and desktop.
- Utilized **PostgreSQL** with relational models to manage user data, usage logs, and payment history efficiently.
- Deployed the application to **Vercel** for frontend and backend.
- Built with **scalability** in mind using **modular architecture** and state management best practices.

Education

Kalyani Government Engineering College, Kalyani
Bachelor of Technology in Electronics and Communication Engineering
Sodepur High School, Sodepur
Class - XII
Ramakrishna Mission Boys Home High School, Rahara
Class - X

Nov 2022 — July 2025

June 2020 — June 2022

June 2010 — June 2020