

Saman Ranjan Pradhan

Full Stack Developer

📞 +919330175007 ✉ pradhansaman2017@gmail.com 🌐 [samanpradhan](#) 🌐 [SamanPradhan](#) 🌐 [Portfolio](#)

Professional Summary

Experienced Full Stack Developer in SAAS and edtech startups, skilled in building robust systems for dynamic environments. Strong background in computer science, passionate about continuous learning and contributing to project success.

Technical Skills

Languages: C/C++, JavaScript, Typescript, Java, Python

Frontend Technologies: HTML5, CSS3, Tailwind, Bootstrap, ReactJS, React Native

Backend Technologies: NodeJS, Express, MongoDB, MySQL, PostgreSQL, Jest

Emerging Technologies: Generative AI, AWS, Google Cloud, Hostinger VPS

Professional Experience

Sketchnote Inc.

December 2023 – May 2024

Software Developer

Remote

- Pioneered the development of a **tasks creation and AI analytics feature using Generative AI**, earning overwhelmingly positive feedback from 40% of users.
- Built an **AI query bot** enabling users to perform semantic searches and retrieve responses from PDF documents.
- Implemented **single sign-on for enterprise clients**, enabling seamless authentication for users across multiple applications resulting in massive satisfaction from clients.
- Implemented a **recurring payment feature on Stripe**, stopping a significant monthly revenue loss for the company.
- Implemented optimizations that improved response time for form and file creation **API requests by 300%**.
- Developed and executed **Unit tests on Jest** to ensure the quality and reliability of the codebase.

Wellscribe

September 2023 – December 2023

Full Stack Developer (Full time contractual)

Remote

- Collaborated a team in developing a **patient health management software for medical practitioners**, featuring doctor appointment booking, prescription generation, and medical record storing.
- **Integrated Snomend CT** (standard for health information) for seamless user experience, **becoming USP** for startup.
- Applied MERN stack expertise to ensure **scalability, efficiency**, and adherence to international medical standards.
- Led the **setup and maintenance of the server**, including setting up **EC2 instance**, configuring the entire server, fixing critical issues, ensuring flawless software operation, and maintaining the server to run with correct load.

InQbator

July 2023 – September 2023

Full Stack Developer intern

Remote

- Engaged in shaping a starting-stage **Influencer-focused startup** significantly actively contributing to the product, leading **full product cycle development to launching it**.
- Led the development of the **project's backend**, overseeing its creation from inception to launch. Implemented key features including event creation, one-to-one mentorship booking, and chat functionality, **resulting in a substantial increase in investor interest**.
- Integrated the **PhonePe payment gateway** to facilitate payment processing from Mentees based on their selected plans, and subsequently managed the transfer of funds to Mentors.
- Worked on building the initial phase of **Electra AI**, an **AI targeting college students** solving a specific use case for users.

Projects

Stepup-Field 🌐 | *NodeJS, ExpressJS, MongoDB, HTML, CSS, Vanilla JS*

May 2023

- Collaborated with a team of five to develop a diverse shoe E-commerce site, ensuring effective collaboration and timely delivery. Responsibilities included frontend and backend development.
- Designed and implemented the backend infrastructure using NodeJS, ExpressJS, and MongoDB, ensuring optimal E-commerce functionality. This involved handling server logic, database integration, and maintenance.
- Built admin dashboard and managed all aspects, including UI and functionality development, and data management.

TimeTrackerX 🌐 | *NodeJS, ExpressJS, MongoDB, HTML, CSS, Vanilla JS*

April 2023

- Established a robust system for tracking employees' login/logout times, enhancing security measures and providing valuable insights into activity patterns.
- Enabled employees to execute CRUD operations and implemented a user-friendly interface for efficient management of projects, work schedules, meetings, and away timings.

Education

Masai School

Nov 2022 – Sept 2023

Full Stack Web Development

Remote

University of Calcutta

July 2019 – Sept 2022

Bachelor of Science in Mathematics, Computer Science, Statistics

Kolkata, West Bengal