

SURAJIT MAITY

Ghatal, Paschim Mednipur, West Bengal, India

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Education

The Neotia University

July 2021 – June 2025

B.Tech in Computer Science, CGPA: 9.04

Diamond Harbour, South 24 Parganas, West Bengal

Chaipat High School (Higher Secondary)

2019 – 2021

Higher Secondary, Percentage: 87.4%

Ghatal, Paschim Mednipur, West Bengal

Chaipat High School

2019

Secondary, Percentage: 86.86%

Ghatal, Paschim Mednipur, West Bengal

Relevant Coursework

- Data Structures
- Software Engineering
- Algorithm Analysis
- Database Management
- OOP
- Operating Systems
- Computer Networking
- Cryptography

Experience

MathCoders Pvt. Ltd.

June 2024 – July 2024

Full Stack Web Developer

Hybrid

- Created and launched an educational platform using Next.js, Sanity, and Tailwind CSS, increasing user interactions.
- Streamlined administrative operations with CMS integration and interactive forms, reducing processing time by 20%

YBI Foundation

June 2023 – July 2023

Machine Learning Intern

Remote

- Optimized and refined machine learning models for a movie recommendation system, improving accuracy by 25%.
- Utilized Pandas and NumPy for data manipulation and analysis, enhancing model performance and efficiency.

Projects

Mind-Matrix | Mental Health Management Platform | *React, Express.js, MongoDB*

June 2023

- Built a mental health platform fostering community support, achieving a 30% increase in user participation.
- Developed an interactive chatbot, resulting in a 25% improvement in user satisfaction ratings and support access.
- Implemented Zustand for state management and enhanced responsiveness by 40% while optimizing user experience.

Remindify | Client Side Reminder App | *Vanilla.js, PWA, IndexedDB, PushManager API*

Jan 2023

- Designed and executed an intuitive reminder application supporting notifications, increasing user retention by 25%.
- Enabled offline functionality using PWA standards and IndexedDB, ensuring seamless use without internet access.
- Integrated PushManager API to deliver real-time notifications, enhancing user engagement and timely task completion.

Piplup | AI integrated Quiz Platform | *Next.js, PostgreSQL, Gemini API, Neon*

Jan 2025

- Developed a robust AI-integrated quiz platform using Next.js, Jotai, and Auth0, enhancing overall user experience.
- Enabled users to easily design, create using Gemini API, and participate in quizzes, streamlining the user experience.
- Used Drizzle ORM and Neon Cloud PostgreSQL, significantly improving data management efficiency by 25%.

Technical Skills

Programming Languages: TypeScript, C++, Java, C, HTML/CSS, JavaScript, Python

Technologies/Frameworks: React, Next.js, Node.js, Express.js, Fresh

Database: MongoDB, PostgreSQL, SQLite

Tools: Git/GitHub(version control), Docker, Linux, Postman, Figma

Languages

- Bengali (Native)
- English (Fluent)
- Hindi (Proficient)

Certifications

Full Stack Web Development (Udemy) Issued on: July 2023

Synchronicity S1 Hackathon Issued on: Feb 2024