SYED MD FARHAN E AZAM

Full-Stack developer • Aspiring Data Scientist   **Kolkata**

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https://my-portfolio-rho-plum-34.vercel.app/   https://github.com/syedmdfarhaneazam/

SUMMARY

Motivated and detail-oriented **Full-Stack Developer** with a strong foundation in **React.js, Tailwind CSS, Node.js, FastAPI, and SQL**. Passionate about writing efficient, maintainable, and scalable code. Adept at building responsive web applications and solving complex algorithmic problems. With **320+ problems solved on LeetCode**, I combine technical proficiency with analytical thinking to deliver impactful solutions. Eager to contribute in a challenging and growth-oriented environment.

EXPERIENCE

Full Stack Developer Intern

TheVectorX   09/2025 - Present   Remote

- Create components and views using ReactJs for long-term maintainability.
- Develop reusable React components and optimize cross-device UI performance.
- Integrate frontend with FastAPI endpoints to ensure reliable data flow and error handling.
- Working on role-based authentication system to have different flows for each.
- Build and enhance backend API endpoints using FastAPI and PostgreSQL.
- Collaborate on testing strategies to validate feature parity during migration.
- Coordinate with backend and design teams to align API contracts and UI/UX standards.

Full-stack Developer Intern

noCnX Technologies   05/2025 - 09/2025   Pune, India

- Developing full-stack web applications using React, Node.js, Express, and MongoDB.
- Built full-stack web applications with React, Node.js, Express, and MongoDB.
- Designed responsive UIs using Tailwind CSS and React Router.
- Managed state efficiently with Redux Toolkit.
- Wrote clean, modular code aligned with industry standards.
- Participated in a Generative AI and LLM learning program to expand technical expertise.

EDUCATION

Narula Institute of Technology (NiT)- BTech, Computer Science

09/2023 - 09/2027   Kolkata   CGPA-8.4

St Marry English High School — HSC - 82.4%

08/2021 - 08/2023   Jamshedpur

Kerala Public School, Mango – SSC – 89.9%

08/2021 - 08/2023   Jamshedpur

Skills

ReactJs • Postgresql • NextJs • NodeJs • Javascript • Tailwind • Framer Motion • Gsap • SQL • FastApi • Git • GitHub • Vercel • Deployment • Python • Java • Html • CSS • Redux • UI/UX

PROJECTS

Early Dementia Detection Ai

Smart India Hackathon project:

- Using Agile methodology for team collaboration.
- **Multi-modal input system**: Combines speech analysis, cognitive tasks, reaction tests, and demographic data to assess dementia risk.
- Medical Institution logic and verification for real DataSet Upload.
- Ai Random card game for user to test quick reaction.

Note Master

Key Features:

- Structured notes into subjects, headings, and content blocks.
- Syntax-highlighted code blocks and image embedding.
- 16+ themes, customizable fonts and sizes, and floating window functionality.
- Ensured full offline privacy using IndexedDB.
- Added import/export and Picture-in-Picture support.

Personal Portfolio

To show case my projects and their Deployment links

- **https://my-portfolio-rho-plum-34.vercel.app/**
- Built with React.js and Tailwind CSS.
- Integrated animations using Framer Motion, GSAP, and Matter.js.
- Supports light and dark themes.
- Includes dynamic weather scenes: clear sky, autumn, snow, and rain.
- Algorithms and Tricks * Boids (Flocking Algorithm), Automatic Stone–Paper–Scissor Swarm, Matter.js Spring Grid, Bezier Curve Morphing, Interactive Particle Emitter

Study Portal

A platform for Teachers and Students to share and manage tasks and reminders for events.

- https://github.com/syedmdfarhaneazam/studyPortal
- Role Base login
- Create tasks and reminders with CRUD
- Uses MongoDB , Express.js, React.js

Process Scheduling System

To Schedule a process in javascript / python and create crone jobs using a front end.

- https://github.com/syedmdfarhaneazam/ProcessSchedulerBackend
- Uses DAG algorithm (Directed, Acyclic, Graph).
- Handels dependent / independent jobs gracefully.
- Time based execution, Dependency Analysis, Retry Logic, Priority based scheduling.