

Education

Indian Institute of Information Technology, Senapati, Manipur
B.Tech in Computer Science and Engineering (AI & Data Science)
CGPA : 7.13

Aug 2023 – Present

Technical Skills

TechStacks: C/C++, Typescript/Javascript, Reactjs, TailwindCSS, Express.js, Node.js, WebSocket, Redis, Prisma-ORM, PostgreSQL, MongoDB

Tools: AWS [EC-2, S3, CloudFront], Docker, Linux /Arch, Monorepo

Summary

Computer Science undergraduate specializing in AI and Data Science with hands-on experience in building full-stack web applications using React and Node.js. Developed projects such as a note management system with AI-based summarization features and RESTful backend services. Strong foundation in data structures and algorithms with active problem-solving practice on LeetCode and CodeChef. Seeking a software development or backend engineering internship to apply and expand technical skills in real-world systems.

Projects

Two in One Application : Daily Notes Tracker and Password Manager

GitHub | Live

- Developed a full-stack monorepo application integrating a **Daily Notes Tracker** and a secured **Password Management System**.
- **AI Summary:** Integrated an AI engine to provide one-click summarization, **reducing note-revising time by 40%** and making revision more efficient.
- Implemented secure **OAuth authentication** for user access and **bcrypt-hashing** with random salt-rounds for credential storage.
- **Secure Sharing:** Engineered a database-level authorization system for note sharing with an automated **3-day TTL (Time-to-Live) expiration**, ensuring secure access and privacy.
- Handled 100k+ number of concurrent users during testing.
- Containerized the application using **Docker**, orchestrating **frontend**, **backend**, and a local **PostgreSQL** database.
- Features discussed from the **LinkedIn developer community**.
- **Key Features:** Subject wise Notes organization, Progress Tracking, Sharing Notes card (with built-in 3-day expiration), Download/Update/Delete Notes, Black-White BG toggler.

AppDost.in Frontend Development (Freelance)

GitHub

- Developed the complete **frontend UI from scratch** for AppDost.in based on provided **Figma designs**.
- Converted high-fidelity **Figma mockups** into **responsive React components**.
- Built a scalable UI using **React** and **Tailwind CSS** with reusable components.
- Delivered **pixel-perfect layouts** with consistent spacing, typography, and colors.
- Ensured responsive design and optimized UI performance across devices.

Key Achievements

- Secured **2nd Rank** in **Fenomenon'26 CP Contest** among **150+ participants** — MTU, Imphal.
- Solved **200+ DSA problems** this year across platforms like **LeetCode** and **CodeChef**, strengthening problem-solving and algorithmic skills.
- Best Rankings of CodeChef contests: 1741 out of 35k+ competitors.

Certification

- **Postman API Fundamentals Student Expert** — Postman Academy
- **Generative AI Fundamentals** — Google Cloud
- **Docker Essentials** — IBM
- **Graph Theory** — AlgoUniversity