

WORK EXPERIENCE

- DataFoundry AI.**
Software Engineer Intern

Remote
Sept 2024 – March 2025

 - Created a **JavaScript** script that allows automatic conversion of **CSV** data into **RDF triples** along with **nodes**.
 - Implemented **Azure Data Factory pipelines** to dynamically process data from the **Database**, implementing **parameterized queries**, **Azure Blob Storage** and **real-time** monitoring to ensure efficient workflows.
 - Worked with the Frontend team where my responsibility was to implement **Role-Based-Access-Control (RBAC)** by designing frontend-logic for access management.
- Dank**
Mobile Developer Intern

Remote
Nov 2023 – Feb 2024

 - Led the development of features accounting for over **60%** of the application, and significantly improving its functionality and performance metrics.
 - Collaborated with **cross-functional** teams to integrate new API's reducing application page load times by **40%** and enhancing overall application performance.
- Auctopus Technology**
Frontend Developer Intern

Remote
June 2023 – Aug 2023

 - Implemented **Redux** state management which resulted in **20%** increase in application efficiency.
 - Collaborated with **cross-functional** teams to integrate new API's reducing application page load times by **40%** and enhancing overall application performance.
 - Implemented **Cypress** for automated application testing resulting in **50% reduction** in manual testing, thus **improving reliability**.

PROJECTS

- [CODEIDE](#)** (NextJS, ReactJS, NodeJS, ExpressJS, SocketIO, Docker)
 - Developer a **Dockerized IDE environment** with **integrated terminal**, **session management**, and **file operations** for seamless coding workflows.
 - Implemented a **proxy server** to handle client connections and requests, ensuring secure and efficient communication between containers.
 - Developed NodeJS Backend for real-time code execution, while integrating **Socket.IO**, and **PTY.js** for terminal emulation and code execution
- [FROMCRAFTAI](#)** (NextJS, NextAuth, Drizzle ORM, NeonDB, Google Forms API, Google OAuth)
 - Developed a Dockerized AI-powered Google Form generator** with Next.js, PostgreSQL, and Groq AI, reducing form creation time by **50%**.
 - Integrated Google Forms API and OAuth 2.0 authentication** for secure form management and seamless data handling.
 - Built a scalable and responsive web application** with Drizzle ORM, Tailwind CSS, and dynamic AI-based form generation.
- [Payment Template Package](#)** (NodeJS, TypeScript, RazorPay, Stripe)
 - Created a **command-line interface (CLI)** tool for **adding payment method templates (Stripe, Razorpay)** to backend projects, streamlining **payment integration processes** and adding authentication setup files.
 - Enabled rapid integration of **payment services** with simple commands, **enhancing** developer workflows for backend Express.js projects.
 - Achieved **600+ users** in its lifetime.
- [Resume Worth Analyzer](#)** (NextJS, Groq, Llama, PDFJS)
 - Developed a web application using **Groq API** for **AI-driven** insights, providing users with suggestions to make their resumes even better or they can **roast** their own resume as well.
 - Integrated **pdfjs-dist** for parsing and extracting information from PDF resumes, while utilizing TailwindCSS and **Shadcn UI** for a responsive and user-friendly interface with engaging animations.
 - Achieved **300+ users** in its lifetime and still growing.

VOLUNTEER EXPERIENCE

- GDG MAKAUT**
Community Lead

Remote
2023 – 2024

 - Collaborated with various teams to conduct over **10+** events, engaging over **300+** students which directly contributed to an increment in technical awareness by **30%**.
- REPL DEVS**
Web Developer

Remote
2022 – 2023

 - Collaborated with the web development team on ongoing website enhancements; ensured continuous functionality which directly contributed to an increased user engagement rate estimated at over **20%**.

TECHNICAL SKILLS

- Languages:** JavaScript, Python
- Frameworks:** Express.js, React.js, Next.js, React Native, Redux, Vite, Playwright, Cypress, Jest
- Cloud & Platforms:** Azure, Linux, OSx
- Runtimes:** NodeJS, Bun
- ORM and Database:** Prisma, Drizzle, Mongoose, PostgreSQL, MySQL, SQLite, MongoDB
- Tools:** Docker, Git
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EDUCATION

- MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY**
Bachelor of Engineering

Kalyani, WB
Expected May 2025