

WORK EXPERIENCE

DataFoundry AI. Software Engineer Intern	Remote Sept 2024 – March 2025
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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.

WebTracker (NextJS, Postgres, DrizzleORM, Tracking Script, Recharts)

- Built a **privacy-focused** web analytics platform providing **device analytics**, **traffic source analysis**, and **performance metrics**.
- Designed and implemented** an intuitive **dashboard** with **live charts** and global audience visualizations using **Recharts**.
- Built a **lightweight custom tracking script** for seamless integration across **JavaScript** and **Next.js** projects, **optimizing performance** and **preserving user privacy**.

AI PPT Generator (NextJS, Gemini, FastAPI, PPTXGenJS)

- Developed a **full-stack** web application that generates professional PowerPoint presentations using **Google Gemini** based on user-provided topic descriptions and audience types.
- Integrated **PPTXGenJS** to enable native **.pptx** downloads, ensuring compatibility with PowerPoint.
- Implemented a customizable theme system with real-time slide previews to enhance user interactivity and design flexibility.
- Added automatic **image generation** using the **Google Gemini Image Generation** to enrich slides with relevant visuals

VOLUNTEER EXPERIENCE

GDG MAKAUT Community Lead	Remote 2023 – 2024
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
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