

## WORK EXPERIENCE

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| <b>DataFoundry AI</b><br>Software Engineer Intern   | Remote<br>Sept 2024 – March 2025 |
| <ul style="list-style-type: none"><li>Created a <b>JavaScript</b> script that allows automatic conversion of <b>CSV</b> data into <b>RDF triples</b> along with <b>nodes</b>.</li><li>Implemented <b>Azure Data Factory pipelines</b> to dynamically process data from the <b>Database</b>, implementing <b>parameterized queries</b>, <b>Azure Blob Storage</b> and <b>real-time</b> monitoring to ensure efficient workflows.</li><li>Worked with the Frontend team where my responsibility was to implement <b>Role-Based-Access-Control (RBAC)</b> by designing frontend-logic for access management.</li></ul> |                                  |
| <b>Dank</b><br>Mobile Developer Intern  | Remote<br>Nov 2023 – Feb 2024    |
| <ul style="list-style-type: none"><li>Led the development of features accounting for over <b>60%</b> of the application, and significantly improving its functionality and performance metrics.</li><li>Collaborated with <b>cross-functional</b> teams to integrate new API's reducing application page load times by <b>40%</b> and enhancing overall application performance.</li></ul>  |                                  |
| <b>Auctopus Technology</b><br>Frontend Developer Intern   | Remote<br>June 2023 – Aug 2023   |
| <ul style="list-style-type: none"><li>Implemented <b>Redux</b> state management which resulted in <b>20%</b> increase in application efficiency.</li><li>Collaborated with <b>cross-functional</b> teams to integrate new API's reducing application page load times by <b>40%</b> and enhancing overall application performance.</li><li>Implemented <b>Cypress</b> for automated application testing resulting in <b>50% reduction</b> in manual testing, thus <b>improving reliability</b>.</li></ul>  |                                  |

## 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

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|--|-----------------------|
| <b>GDG MAKAUT</b><br>Community Lead  | Remote<br>2023 – 2024 |
| <ul style="list-style-type: none"><li>Collaborated with various teams to conduct over <b>10+</b> events, engaging over <b>300+</b> students which directly contributed to an increment in technical awareness by <b>30%</b>.</li></ul>                     |                       |
| <b>REPL DEVS</b><br>Web Developer  | Remote<br>2022 – 2023 |
| <ul style="list-style-type: none"><li>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 <b>20%</b>.</li></ul> |                       |

## 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

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| <b>MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY</b><br>Bachelor of Engineering | Kalyani, WB<br>Expected May 2025 |
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