Rubiat Bin Faisal

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Software Engineer | Full-Stack Development, React, Node.js, Python

Results-driven Software Engineer with experience in leading small teams and shipping end-to-end products in startup environments.

EDUCATION:

Lehigh University   05/2025
Bachelor's in Computer Science

SKILLS:

Programming Languages- TypeScript, Javascript, Python, Java, C#, HTML5, CSS3,SQL
Frameworks & Libraries- ReactJS, Next.js, Node.js, Express.js, Tailwind CSS, Unity Engine, Slack Block Kit
Developer Tools & Platforms- AWS, Git, Vite, Webpack, npm/yarn, Figma, Jira, Agile/Scrum Methodologies
Databases & APIs- PostgreSQL, RESTful APIs, OpenAI GPT API, Google Firebase

SOFTWARE ENGINEERING EXPERIENCE:

Software Engineering Intern | *Stealth Startup | New York, NY*   05/2024 - 08/2024
- Developed a responsive UI for a pre-seed productivity app using React, TypeScript, and Mantine, accelerating development by strategically balancing custom-built and off-the-shelf components.
- Implemented scalable state management with **Redux** for a hybrid desktop application (**Electron/Node.js**), ensuring data consistency and a seamless user experience.
- Led the end-to-end front-end lifecycle, demonstrating full-system ownership by writing SQL queries for data modeling and **managing deployment pipelines via AWS Amplify/EC2, ensuring 99.9% uptime.**

Software Engineering Intern | *Mentessa | San Francisco, CA*   05/2023 - 08/2023
- Increased user engagement by **30%** by engineering a responsive frontend for the Mentessa-Slack integration using **React**, **JavaScript**, and **Slack's Block Kit**.
- Engineered a real-time conversational feature by integrating the OpenAI GPT-3.5 API into a Slack-based application; designed and built **5 new React components** to render structured JSON responses, improving user **query success rate by 20%**
- **Improved interface rendering speed by 40%** by documenting API endpoints and successfully advocating for payload optimizations, resulting in a faster, more responsive user experience.

Software Developer Intern | *Lehigh RiVR Immersive Learning | Bethlehem, PA*   05/2022 - 08/2022
- Drove a VR project to win '**Best Project**' (**top 0.5% of 200+**) by optimizing rendering pipelines to create a seamless and intuitive user experience.
- Reduced critical user-facing issues by **20%** by debugging and optimizing UI performance within the full Software Development Life Cycle (SDLC), utilizing Git for version control and participating in rigorous code reviews.
- Translated functional requirements from **5 stakeholder groups** into a technical specification for a VR application; implemented the core interactive UI using C# and the Unity Engine, directly contributing to the project winning 'Best Project' out of 200+ submissions.

Software Engineering Team Lead | *Save Tuba | Bethlehem, PA*   12/2020 - 12/2021
- Led a 4-person team in the end-to-end development of a sustainability-focused Android application, successfully engaging over **5,000 students**.
- **Reduced screen load times by an average of 50%** by implementing efficient data binding, view recycling, and lazy loading for images fetched from RESTful APIs.

PROJECT:

Managify: AI-Powered Job Application Tracker & Resume Tailor (Live demo-managii.vercel.app)
- **Engineered an intelligent career management platform** using **Next.js** and **TypeScript**, featuring an AI-driven resume tailoring engine powered by the **Google Gemini 2.0 Flash model** to analyze job fit and optimize keywords in real-time.
- **Architected a scalable full-stack solution** with a **PostgreSQL** database hosted on **Google Cloud SQL** and managed via **Prisma ORM**, implementing complex data schemas to track application statuses, relevance scoring, and version-controlled resumes.
- **Developed a companion Chrome Extension** using vanilla JavaScript and background service workers to **scrape job data from major platforms (LinkedIn, Greenhouse)**, integrating directly with the web app's **RESTful API** for one-click job saving and automatic categorization.