AZIZUR RAHMAN

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Skills

Technical: Java, C++, C, JavaScript, Python, HTML, CSS, React JS, Node JS, Express JS, ChakraUI, Google Firebase, MongoDB, SQL, API, REST API, Postman, JSON, Git, GitHub

Languages: Bengali (Native), English (Native)

Other: Problem-solving, Algorithms, Time management, Good Oral and Written skill, Customer service, Team work, VSCode, Eclipse, PyCharm, Troubleshooting, Software testing, Mac OS, Windows OS

Education

CUNY Queens College

December 2024

Bachelor of Arts, Computer Science

Queens, New York

Relevant Coursework: Data Structures & Algorithms, OOP in C++, OOP in Java, Principles of Programming, Database Management System, Software Engineering, Linear Algebra, Calculus

Professional Experience

Software Engineering fellow intern   Jan 2023 - Mar 2023
HeadStarter   *Long Island City, NY*

- Trained by Software Engineers from Amazon, Bloomberg, Capital One on various types of projects, and Data Structures and Algorithms, improving my problem-solving skills as well as practical analysis on the software development field, receiving advice and knowledge throughout
- Developed and implemented 3 well-structured full-stack projects, including a Task Management system, utilizing best practices and tools to support team efficiency, effectiveness, and software quality, resulting in a 50% increase in productivity for team members

Significant Projects

AI Pantry Tracker App (React, *JavaScript, HTML, MaterialUI, OpenAI)*   June 2024

- Accomplished seamless pantry item management as measured by efficient CRUD operations, by leveraging React and Firebase to build a responsive web application with Material UI for a modern, user-friendly interface
- Enhanced user engagement and personalization as measured by user retention rates, by integrating OpenAI API and LLMs for advanced user interaction and Firebase for secure user authentication

AI Rate My Professor (*NextJS, Pinecone, MaterialUI, Firebase)*   July 2024

- Accomplished seamless AI-driven professor recommendations as measured by a fully functional Retrieval-Augmented Generation (RAG) system, by leveraging Next.js, Pinecone, and OpenAI APIs to enhance user decision-making
- Achieved secure and efficient user management as measured by successful implementation of Firebase Authentication, with Next.js and Material UI for a polished and responsive user experience

AI flashcards (NextJS, *JavaScript, HTML, MaterialUI, Firebase, OpenAI, Stripe)*   July 2024

- Accomplished seamless user authentication and payment integration, as measured by a secure and intuitive user experience, by implementing Firebase for user authentication and Stripe for payment processing in a Next.js and Material UI framework
- Achieved efficient and dynamic content generation, as measured by the accuracy and speed of flashcard creation, by leveraging OpenAI's LLMs and API to automate the breakdown of complex text into study-friendly flashcards

Full-stack Social Media App (*JavaScript, Node.js, ChakraUI, React, Firebase)*   September 2023

- Developed a fullstack social media application with React for the frontend, Firebase for the backend, and ChakraUI for a responsive and user-friendly interface, incorporating secure user authentication, efficient database management, real-time features, and responsive design
- Designed dynamic UI components with React and ChakraUI, implemented efficient state management using React hooks and context API, and ensured responsiveness across devices, as well as utilizing Firebase for real-time data updates and notifications, Git for version control, and deployed on a cloud platform to guarantee scalability and high availability, resulting in a robust and interactive modern social media application