Faiazur Rahman

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EDUCATION

TORONTO METROPOLITAN UNIVERSITY (RYERSON UNIVERSITY)   Sep 2017 - May 2022

BSc, Applied Mathematics & Computer Science
- Recipient of **Dean's List academic achievement award**
- R3 Robotics Club: Objective C Software Engineer

PROFESSIONAL EXPERIENCE

Electromech Solutions Inc. | Toronto, CA   Oct 2023 - Present

Front-End Software Engineer
- Led a significant front-end architecture overhaul by re-configuring website with ReactJS and TailwindCSS for enhanced performance and scalability
- Independently introduced NextJS, improving performance through file-system based routing and boosting SEO scores with server-side rendering
- Implemented image optimization and lazy rendering, resulting in an 18% improvement in mobile performance and a 13% improvement in desktop performance

Jarvis Consulting Group | Toronto, CA   April 2023 - Oct 2023

Software Development Engineer, Teaching Assistant
- Excelled in an agile environment, collaborating with Tech Leads and Managers, ensuring quality code through frequent Master Code Reviews
- Developed an automated Linux monitoring agent using CRON job scheduling, extracting user's system information
- Created a Twitter DAO RESTful API, leveraging Twitter API V2 for GET, CREATE and DELETE actions, implementing JUnit testing
- Developed a Java application using the JDBC API to interact with a Dockerized PostgreSQL DB to handle CRUD operations
- Mentored and managed new hires, providing education in Docker, SQL and Java during the onboarding process

Capgemini | Toronto, CA   May 2022 - Nov 2022

Software Engineer
- Implemented a Python script, saving 44+ Engineer hours quarterly with Panda and CSV libraries, reducing processing time by over 90%
- Created and maintained Stored Procedures to improve database performance and data manipulation
- Monitored transactions, diagnosed failures and identified bottlenecks in the back-end system
- Resolved 200+ JIRA escalation tickets utilizing Microsoft SQL for data manipulation, followed by Quality Assurance and testing
- Facilitated setup of new investment funds, termination/reinstatement of plans, and deletion of obsolete data in the database

Formify | Toronto, CA   Jan 2022 - May 2022

Front-End Software Engineering Intern
- Redesigned office-driven website to a gaming-focused site using JavaScript, HTML & CSS, enhancing aesthetics and responsiveness
- Achieved a 20% increase in site sessions, improved SEO scores with alt text, leading to an 11% rise in unique visitors, with boosted average session times by 91%
- Enhanced UI with new website features for consistent performance across all platforms
- Implemented multiple error handling functions using Python's Tkinter GUI library

PROJECTS

Social Media App | ReactJS, TailwindCSS, Firebase
- Developed a feature-rich social media app using ReactJS and TailwindCSS, enabling users to seamlessly navigate, share photos, and interact with a clean, aesthetically pleasing, responsive user interface
- Implemented user authentication with Firebase, integrating Authentication for secure login and sign up functionalities
- Leveraged Firebase for real-time data handling, enabling dynamic features like photo sharing, likes, and followers

TECHNICAL SKILLS

Java, JavaScript, ReactJS, Python, SQL, Google Cloud, GIT, Docker, JIRA

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