

Faiazur Rahman

FULL STACK SOFTWARE ENGINEER

Highly motivated, critical thinking and diligent Software Engineer with over 1 year of professional experience in the industry. Extensive background in front-end development and back-end development, delivering high-quality production level code with exceptional interpersonal and communication skills. Skilled in several areas including Java, HTML & CSS, RESTful API Development, JavaScript and ReactJS.

EDUCATION

RYERSON UNIVERSITY

Sep 2017 - May 2022

BSc, Applied Mathematics & Computer Science

- Full Stack Software Engineering Project: Online E-Commerce Website
- Recipient of **Dean's List academic achievement award**
- R3 Robotics Club: Objective C Software Engineer

PROFESSIONAL EXPERIENCE

Capgemini | Toronto, CA

May 2022 - Nov 2022

Software Engineer

- Worked in a team to implement a Python script to help automate our manual auditing system for a multinational insurance company, resulting in saving 44+ man hours per quarter, utilizing Python's Panda and CSV libraries, cutting processing time by more than 90%
- Maintained the health of our back-end system by resolving failures in our production database
- Created and maintained Stored Procedures to improve database performance and facilitate data manipulation
- Responsible for ensuring all financial transactions are completed and ready for the next business day
- Monitored transactions to diagnose critical points of failures and bottlenecks in our back-end system by following correct troubleshooting procedures
- Solved 200+ escalation tickets in JIRA, utilizing Microsoft SQL to manipulate and fetch user data, solving on average 10 tickets per day, which were then Quality Assured and tested by our team
- Handled a wide range of tickets including merging user data, setting up new investment funds, terminating and reinstating new plans and policies, and deleting obsolete data from the database
- Conducted frequent design and code reviews with colleagues in order to deploy production level SQL scripts

Formify | Toronto, CA

Jan 2022 - May 2022

Front-End Software Engineering Intern | [Project Website](#)

- Contributed front-end expertise in HTML, CSS and JavaScript, in order to successfully redesign the office-driven website to a modern gaming-driven website, drastically improving aesthetics and responsiveness
- Increased number of site sessions by 20%, improved SEO by incorporating alt text for images, resulting in an 11% increase in unique visitors, and boosted average customer session time by 91%
- Added new website features to improve the user interface and ensure consistent performance across all platforms
- Ensured proper cross browser rendering on both mobile and desktop devices
- Conducted code reviews with team members to ensure consistency and readability across all code bases
- Utilized Python's GUI library, Tkinter, in order to implement multiple error handling functions

Electromech Solutions Inc. | Toronto, CA

Sep 2022

Part-Time Front-End Software Engineer | [Website](#)

- Designed and developed a fully responsive, multi-paged website with visually appealing and aesthetic features that functioned seamlessly across all devices, including desktop and mobile. Deployed on GitHub and Netify
- Worked independently to introduce NextJS into our project, drastically improving performance by making use of file-system based routing and improving Search Engine Optimization as a result of server-side rendering
- Wrote several automated web tests using an E2E tool, Cypress, to eliminate pain points and produce bug-free code
- Implemented several new landing pages that satisfy business objectives
- Modularized code into several smaller components and files, drastically improving code readability
- Implemented image optimization and lazy loading using the 'next/image' component
- Improved mobile performance by 18% resulting in a performance score of 98% and desktop performance by 13% resulting in a performance score of 100%, with an SEO score of 92%
- Utilized the Lighthouse chrome extension and PageSpeed Insights in order to monitor and diagnose performance

RELEVANT SKILLS

TECHNICAL

- ✓ Java
- ✓ Python
- ✓ JavaScript
- ✓ HTML & CSS
- ✓ ReactJS
- ✓ GIT
- ✓ SQL
- ✓ Tailwind
- ✓ JIRA
- ✓ SCSS
- ✓ XCode

SOFT SKILLS

- ✓ Adaptability
- ✓ Flexibility
- ✓ Problem-Solving Skills
- ✓ Time Management
- ✓ Good Communication
- ✓ Self-Aware
- ✓ Team Leader
- ✓ Accountability
- ✓ Public Speaker
- ✓ Interpersonal Skills
- ✓ Self-Motivated
- ✓ Team Oriented

CONTACT

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LinkedIn

<https://www.linkedin.com/in/siam-r/>

Portfolio Website

[Website Link](#)

Project Website

[Project Website Link](#)

RELEVANT EXPERIENCE

Techverse Web Application | [Project](#) 2022

- Collaborated with a team to design and develop a fully-functional mock e-commerce website using several modern front-end and back-end technologies
- Allows users to browse through various products, add items to their cart, make purchases, and receive billing and shipping information
- Incorporated a Google Maps API to fetch user's location, calculate directions to the nearest pickup location and display the route on a 3D map
- Designed a MySQL relational database to store and organize user data
- Designed and implemented a RESTful API to support endpoints to handle CRUD operations and server-side validation
- Utilized appropriate HTTP status codes to correctly communicate status of requests to the client

Tools / Technologies: HTML & CSS, Apache HTTP Server, AngularJS, PHP, MySQL, XAMPP

Portfolio Website | [Website](#) 2022

- Deployed a highly polished, mobile-friendly website that adapts to any screen size, ensuring a consistent and user-friendly experience for all visitors
- The website was designed to be a comprehensive online portfolio highlighting personal and school projects, including code and demos
- The website features a modern, easy-to-navigate layout and visually appealing, intuitive design
- Optimized for desktop and mobile devices to ensure a seamless user experience
- Implemented several CSS animations and transitions, enhancing overall user experience and displaying a beautiful user interface
- Created a detailed mock-up of the website using Figma to prototype different visual design elements
- Implemented a fully functioning contact form which incorporates a GetForm.io back-end service to store the visitor's contact information upon submission
- Optimized overall performance by 15% by implementing lazy loading
- Monitored performance via PageSpeed Insights and the Lighthouse chrome extension

Tools / Technologies: ReactJS, NextJS, Tailwind, HTML, CSS, Figma, Getform.io, deployed via Netify