SHAMS MINAL RAHMAN

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GitHub   LinkedIn   Website

EDUCATION

York University	**Toronto, Ontario, Canada**
Bachelor of Science – Computer Science	*Sept 2019 – Apr 2024*

SKILLS & ABILITIES

Programming: JavaScript/TypeScript, HTML, CSS/SCSS, Java, C, C#, SQL, C++, Unix, Bash Scripting
Frameworks: Angular, React, Node.js, SpringBoot, .NET, NgRx, Vue.js, JUnit, Xamarin, WordPress.org
Libraries: Jest, Redux, Material-UI, jQuery, RxJS
Developer Tools: Git, Bitbucket, Jira, Bamboo, VS Code, Eclipse, IntelliJ, Visual Studio

EXPERIENCE

Software Developer *(8 months)*   **May 2023 – Aug 2023, Jan 2024 – Apr 2024**
Eliminex Pest Management
- Engineered and deployed responsive website with React.js & Tailwind CSS, resulting in a 10% increase in service calls.
- Improved form performance with async validation leading to a 10% reduction in processing time.
- Programmed form submission with react-hook-form's client-side validation, reducing excess HTTP requests and maintaining data integrity.
- Designed codebase architecture to be scalable and accommodate for potential growth in traffic & user interactions.

Software Developer Intern *(1 year)*   **Sept 2022 – Apr 2023, Sept 2023 – Dec 2023**
Bank of Montreal
- Conducted unit tests with Jest resulting in a test coverage increase of 40%, leading to the resolution of over 200+ bugs.
- Implemented automated functions with TypeScript into team's development tools that reduced manual work by 50%.
- Utilized C# and .NET to design and implement new Windows Forms offering document delivery preferences to clients, increasing user efficiency by 15%.
- Optimized application workflow processes through encapsulation resulting in a 5% reduction in compilation time.
- Managed agile project development and version control with Git, BitBucket, Jira, and Bamboo to push code contributions, resolve tickets, deploy and merge pull requests, and ensure high code quality with daily pull request reviews.

Android Developer Intern   **May 2022 – Aug 2022**
Zodiac Group
- Managed integrations and data transfer using RESTful API's, resulting in a 20% reduction in data transfer errors.
- Leveraged Xamarin and C++ to convert desktop website into cross platform mobile apps, resulting in a 30% expansion of the user base**.**
- Developed a range of website pages using HTML and CSS all in accordance with the client's pitch and mood board.

PROJECTS

Predictive Basketball Tool   **Present**
React.js, Tailwind CSS, Node.js, Express.js, PostgreSQL, Python
- Developing a predictive analytics platform utilizing the PERN stack for high scalability and robust data storage.
- Designed an optimal backend infrastructure resulting in a 20% reduction in API response time.

Digital E-Commerce Platform *(Amazon Clone)*   **Aug 2023**
HTML/CSS, JavaScript, Java, SpringBoot, MySQL, Docker
- Implemented MVC and DAO design patterns, resulting in a modular and scalable architecture, and reducing development time by 30% through clear separation of business logic and presentation.
- Developed efficient fetch methods, enabling seamless data retrieval from MySQL database for 100+ products, while also applying sorting and filtering features resulting in a 25% increase in user efficiency.