

SHAMS MINAL RAHMAN

Phone Number: +1 (647)-907-3833 | Email: minal3601@gmail.com

[GitHub](#) [LinkedIn](#) [Website](#)

EDUCATION

York University
Bachelor of Science – Computer Science

Expected Graduation: Apr 2024

SKILLS & ABILITIES

Programming: JavaScript/TypeScript, HTML, CSS/SCSS, Java, C, C#, MySQL, 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, VS Code, Eclipse, IntelliJ, Visual Studio

EXPERIENCE

Bank of Montreal

Sept 2023 – Present

Software Developer Intern

- Collaborating within the Waterfall methodology to modernize the BMO Customer Connect application, a global **C# project with 5M+ lines of code**.
- Utilized **C# and .NET** to design and implement new **Windows Forms**, optimizing document delivery preferences for diverse clientele and **increasing employee efficiency by 15%**.
- Applied strategic testing methods, **cutting debugging time by 20%** and expediting issue identification & resolution in development.
- Optimized workflow processes, **resulting in a 5% reduction** in compilation time and enhancing team productivity.

Bank of Montreal

Sept 2022 – Apr 2023

Software Developer Intern

- Created detailed reports on findings and proposed solutions to various software issues, leading to the **resolution of over 200+ bugs** using **Jasmin & Jest**.
- Managed **agile project development** and version control with **Git, BitBucket, Jira, and Bamboo** to drive code contributions, resolve tickets, deploy and merge pull requests, and ensure high code quality with daily pull request reviews.
- Implemented automated functions** into the team's development tools **that reduced manual work by 50%** improving overall efficiency.
- Conducted unit tests with Jest** resulting in a **test coverage increase of 40%** for critical components.

Zodiac Group

June 2022 – Aug 2022

Android Developer Intern

- Managed integrations and data transfer using **RESTful API's**, resulting in a **20% reduction in data transfer errors**.
- Developed a range of website pages **using HTML and CSS**, including pages for online product sales, support and contact, and a landing page, all in accordance with the client's pitch and mood board.
- Leveraged **Xamarin and C++** to convert commercial desktop software into cross platform mobile apps, increasing accessibility and reach.

PROJECTS

[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. **Reduced development time by 30%** through the clear separation of business logic and presentation.
- Developed efficient **fetch methods**, enabling **seamless data retrieval** from the MySQL database for 100+ products. Applied **sorting and filtering features** resulting in a **25% increase in user efficiency**.
- Engineered **user authentication, registration, and account management functionalities** using Spring Boot and MySQL, resulting in a streamlined user experience. Enacted **data validation**, ensuring data integrity and user security.