

SHAMS MINAL RAHMAN

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

EDUCATION

York University

Toronto, Canada

Bachelor of Science – Computer Science

SKILLS & ABILITIES

Programming: JavaScript/TypeScript, HTML, CSS/SCSS, Java, C, MySQL, C++, Unix, Bash Scripting

Frameworks: Angular, React, Node.js, SpringBoot, 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 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.
- Collaborated with cross-functional teams to **develop 15+ email templates while integrating Figma designs** to enhance user experience and streamline processes.
- Assisted in launching a new online banking signing service **with Angular & NgRx**, ensuring compliance with regulatory requirements for daily customer use.

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

- Led a 3-member team in **spearheading the end-to-end development** of an e-commerce platform, including creating a strategic development roadmap and seamless front-to-back integration.
- 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. Implemented **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. Implemented **data validation**, ensuring data integrity and user security.