

# SHAMS MINAL RAHMAN

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[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, Bitbucket, Jira, Bamboo, VS Code, Eclipse, IntelliJ, Visual Studio

## EXPERIENCE

**Software Developer (4 months+)**

**May 2022 – Aug 2023, Jan 2024 - Present**

**Eliminex Pest Management**

- Improved form performance with async validation leading to a 10% reduction in processing time.
- Integrated hooks to optimize responsiveness across devices, ensuring lower page load times by 50ms.
- Engineered and maintaining company website via Git with React.js and Tailwind CSS for modularity.

**Software Developer Intern (1 year)**

**Sept 2022 – Apr 2023, Sept 2023 – Dec 2023**

**Bank of Montreal**

- 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.
- Conducted unit tests with Jest resulting in a test coverage increase of 40% for critical components, leading to the resolution of over 200+ bugs.
- Implemented automated functions 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 for customers, increasing user efficiency by 15%.
- Optimized application workflow processes through encapsulation resulting in a 5% reduction in compilation time.

**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.