Sehmim Haque

Software Developer| York University 2021

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Work experience

Full Stack Developer Co-op
May 2020 - Aug 2020

Scotiabank Toronto

Tech Stack: React, Redux, JavaScript, Spring Boot, MySQL

- Designed and developed a full-stack management tool that generates customer quarterly reports which led to 70% increase in deliverable frequency

- Reduced production bugs by 300% a week by implementing CI/CD pipelines to build and deploy code instantaneously, increasing development efficiency and record keeping

- Increased testability of the application by using state of the art React code conventions such as React hooks and styled components to support scalability and readability

DevOps Engineer Co-op
May 2019 - Aug 2019

Scotiabank Toronto

Tech Stack: Gradle, Maven, Java, Jenkins, Cucumber, Linux, Git

- Cut development process time by 15 hours a week by writing scrips that does local deployment to different Virtual Machines.
- Decreased team communication gap by 120% by coordinating with different teams and documenting relevant information to team confluence page.
- Improved code quality and consistency by implementing CI/CD pipelines using Jenkins, Gradle and Windows CMD

Software Developer Co-op
Jan 2019 - Apr 2019

Scotiabank Toronto

Tech Stack: TypeScript, Node.js, Git, Docker, Mocha, jQuery

- Developed a chatbot for Equity Traders which closed the gap between traders and clients by 90% resulting an increase in sales
- Increased accuracy of intents by integrating latest machine learning Natural Language Processing libraries such as NodeNLP and SpaCy
- Increased performance and code readability by 70% by re-designing and refactoring entire back-end from JavaScript to TypeScript

Personal Projects

- Sehmim.ca
  - My online portfolio where I post about my latest projects, blogs and other related materials.

- Arohahealth.ca
  - Website that identifies various problems in schools and universities and connects students to mentors.

Technical Skills

- **Languages:** JavaScript, Python, Java, C, Bash
- **Frameworks:** Node.js, React, Redux, GraphQL, Ruby on Rails, Spring Boot
- **Serverless**: AWS Amplify, Firebase
- **Mobile:** Flutter, Android, React Native

Soft Skills

- **Communication**: Excellent reading, writing and presentation skills
- **Leadership & Ownership:** Taking in charge of a task or project, and being accountable for it
- **Drive and Initiative:** Always seeking opportunities to learn and grow
- **Teamwork:** Encouraging pair programming and weekly retrospective to better team growth and relationship

Education

Bachelor of Science: Computer Science
2017 - 2021

York University

Courses Include: Advanced OOP, Software Design Principles, Operating System Fundamentals, Data Structures and Algorithms, Relational Database, Computer Network Protocols and Applications