

# ROHAAN MALIK

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## EDUCATION

University of Toronto, St. George

Bachelor of Science in Computer Science & Economics

Toronto, ON

September 2016 - April 2020

## PROFESSIONAL EXPERIENCE

**SX Technology**

Senior Software Engineer – Full Stack

Toronto, ON

January 2022 - April 2023

- Developed and implemented smart contracts with a user-friendly Next.js UI design, resulting in a 20% increase in user retention and 80% process efficiency improvement.
- Led the end-to-end development of comprehensive features leveraging Next.js, Redux, and Node.js, resulting in a 2x increase in market size.
- Established a cutting-edge custom bridge, leveraging multiple wallets, to facilitate secure token transfers between SX blockchain and Polygon, Ethereum networks
- Streamlined frontend performance by leveraging Next.js framework, reducing loading times by 30% and enhancing overall efficiency.
- Streamlined cloud configuration, adopting Pulumi for automated setup and scalability, coupled with continuous integration and development practices, resulting in a 90% reduction in setup and deployment time.

**Citi Bank**

Software Engineer – Full Stack

Mississauga, ON

August 2020 - January 2022

- Engineered and implemented a highly available and reliable system for approvals, resulting in an impressive 80% improvement in equity research composition publication.
- Collaborated cross-functionally, architecting, and developing scalable RESTful APIs using Spring Boot and Java, effectively communicating architectural and technical challenges.
- Designed and optimized SQL queries, achieving a 20% increase in system speed while seamlessly integrating new functionalities and effectively diagnosing and preventing performance issues.
- Engaged in Agile methodologies, attending daily stand-ups, sprint planning, and retrospectives, fostering collaboration and iterative improvement.

## PROJECTS

**Formula AI Bot** AI Bot | *On-going*

- Spearheaded the Formula AI project, harnessing the power of GPT-4 to automate excel formula creation, driving efficiency and streamlining data analysis.
- Created a sleek and intuitive UI using Next.js, React, Redux, TypeScript, and the MUI library, elevating the user experience and enabling seamless formula generation.

**Lireddit** Social Media | *JS, TypeScript, GraphQL, PostgreSQL, React*

- Constructed a Reddit replica utilizing TypeScript, Node.js, GraphQL, and SQL, integrating advanced features such as authentication, real-time updates, and content moderation.
- Integrated React to create a responsive client-side interface, enhancing user experience and engagement.
- Implemented secure and reliable data storage using PostgreSQL, ensuring data integrity and protection.

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, Java, Kotlin, SQL, JavaScript, Solidity, Ruby, Bash, HTML/CSS

**Databases:** PostgreSQL, MongoDB, DynamoDB, Redis, NoSQL

**Mobile/Web Development:** Next.js, Node.js, GraphQL, Ruby on Rails, React, Redux, Spring Boot, Express

**Automation:** Selenium, Zapier, PagerDuty, Slack, GitLab, Jira

**Other:** AWS, Pulumi, REST, Git, Maven, Gradle, Jenkins, Web3.js, Scrum, Agile, Docker, Newrelic, Gitlab CI, Web Development, Blockchain, Image Recognition, Database Management, Microservices, Web 3.0