

ROHAAN MALIK

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EDUCATION

University of Toronto, St. George

Bachelor of Science, Majors in Computer Science & Economics

Toronto, ON

Graduated 2020

PROFESSIONAL EXPERIENCE

SX Technology

Software Engineer

Toronto, ON

Jan 2022 - April 2023

- Wrote smart contracts that hold thousands of dollars in rewards and created a UI in NextJs for users to claim
- Doubled the markets offered on our platform by creating end-to-end features using NextJs, Redux and Node.js
- Created a custom bridge using multiple wallets to transfer tokens between SX blockchain and Polygon, Ethereum
- Modernized the frontend stack by moving the React app to NextJs framework resulting in faster loading times
- Migrated the cloud configuration to code using pulumi (infrastructure as code)

Citi Bank

Software Engineer

Mississauga, ON

August 2020 – Jan 2022

- Developed a new approval system into an application which publishes new equity research compositions to clients & internally to other businesses
- Worked with teams across the board to design and develop several server side RESTful APIs using Test Driven Development
- Designing efficient SQL queries and writing clean & maintainable code in existing projects to develop new functionality

Government of Maharashtra

Data Analyst Intern

Mumbai, India

May 2019 – August 2019

- Worked on the new legislation for road safety in the first 100 day program of the new government
- Supported research insights with quantitative analysis of datasets using Excel and Python
- Developed qualitative and quantitative tools and resources to enable employee development and senior stakeholder decision-making
- Analyzed and presented the effectiveness of the new financial inclusion scheme (Jan Dhan Yojna)

PROJECTS

• Lireddit

Social Media | On-going | JS, TypeScript, GraphQL, PostgreSQL, React

- Creating a copy of the social-media application Reddit using completely new stack to grasp new concepts
- Using type-script, node, GraphQL & SQL for the server side & React for client side development

• Wave-Portal

JS, Solidity, React

- Built a portal where anyone with an ethereum wallet can write a message & wave on my website and randomly win ethereum on Rinkeby testnet
- Used solidity & react to create & deploy the portal

EXTRACURRICULAR EXPERIENCE

Ismaili Student Association – University of Toronto

President

Toronto, ON

July 2018 – July 2019

- President of one of the largest social bodies at the university with over 200 registered members
- Led weekly team meeting, facilitating group discussions with over 12 executive members
- Represented group on various campus-wide committees to advocate for Islamophobia issues
- Raised over \$5000 in collaboration with the Aga Khan Foundation for World Partnership Walk

Aga Khan Foundation

Team Lead

Nairobi, Kenya

July – August 2014

- Volunteered to lead and organize a cultural night for charity which raised over \$2500 for various organizations
- Went door-to-door to more than 1000 houses to survey about their quality of life and identify current needs

TECHNICAL SKILLS & COURSE WORK

- Python, TypeScript, React, NextJS, Java, Pulumi, SQL, JavaScript, Solidity, Springboot, NodeJS, Microservices, Selenium, MongoDB, AWS
- Software Development, Web Development, Blockchain, Image Recognition, Database Management