

Vaishvik Maisuria

vaishvik.maisuria@mail.utoronto.ca | (647) 344-8273 | vaishvikmaisuria.ca | github.com/vaishvikmaisuria

EDUCATION

University of Toronto

HBSc. in Computer Science, Math

Sept. 2016 – Exp. Apr. 2021

Toronto, ON

- **Languages & Frameworks:** Python, JavaScript, Java, C, PHP, HTML, CSS, Node.JS, React.JS
- **Certificate:** AWS Certified Cloud Practitioner, AWS Certified Cloud Developer
- **Other:** SQL, MongoDB, PostgreSQL, AWS, Google Cloud, Git, Linux, Shell Scripting, Agile, Scrum

WORK EXPERIENCE

Moneris

Software Engineer

May 2019 – Exp. Sept. 2020

Toronto, ON

- Front-end development using JavaScript, React.JS, Android Studio, Xcode with back-end development using PHP, Node.JS, Java.
- Created a new front-end for iOS and Android payment app with some back-end PHP to query SQL database to create new features.
- Upgraded the ARM architectural from 32-bit to 64-bit for the Android payment app.
- Created a dashboard for transactions using amChart, Ajax, and React.
- Implemented containerization of the React Native app with Docker for easier collaboration and created backend bridge for Java.

University of Toronto

Teaching Assistant for CSC108, CSC290

Jan 2019 – Exp. May. 2020

- Illustrated simplified versions of problems and encouraged students to apply knowledge to new problems.
- Graded tests and assignments in a timely manner and provided valuable feedback to student's solutions.

Research Assistant

May 2020 – Exp. Sept. 2020

- Created an application for data organization and filtration of Discussion board posts.
- Created different supervised and unsupervised models to help select teaching assistant for courses.
- Working on a bot using artificial intelligence and machine learning to answer student questions.

Naman Electric

Full Stack Engineer

Mar. 2018 – Aug. 2018

Mississauga, ON

- Full stack development using Node.JS, React.JS, HTML/CSS, JavaScript, JQuery, PHP, and MongoDB.
- Created and led the development of a responsive company website, namanelectric.ca.
- Implemented and designed REST API routes to handle client information in MongoDB.

PERSONAL PROJECTS

Single Truth: Blockchain Insurance Ledger

- Won the first-place award for best use of blockchain at UofT Hackathon.
- Created web insurance ledger using Python, JavaScript, Node, WEB3, Geth, Solidity.
- Created the UI of the web application and implemented the file upload and IPFS hash.

QuickHelp: Community Safety App

- Worked in a Scrum environment to build a native android app using Java, Node, MongoDB, Passport
- Implemented a Google Cloud API to display distress signals and created an efficient algorithm to calculate the nearest available doctor.
- Implemented a secure login and registration with Passport JSON Web Token authorization.