

# Vaishvik Maisuria

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## EDUCATION

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### University of Toronto

Sept. 2016 – Exp. Apr. 2021

BSc. in Computer Science, Math

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

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### Moneris

May 2019 – Exp. May. 2020

Software Engineer

Toronto, ON

- Front-end development using JavaScript, HTML/CSS, React.JS, Cordova, 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.
- Implemented the shopping cart system so users could add items to their cart and place an order.
- Implemented containerization of the React native app with docker for easier collaboration and created backend bridge for java.

### University of Toronto

Jan 2019 – Exp. May. 2020

Teaching Assistant for CSC108, CSC290

Toronto, ON

- 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.

### Naman Electric

Mar. 2018 – Aug. 2018

Full Stack Engineer

Mississauga, ON

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

## PERSONAL PROJECTS

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### Single Truth: Blockchain Insurance Ledger

- Won the first-place award for best use of blockchain at UofT Hackathon.
- Worked with my friend to build a web application 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 team of six friends 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.

### Fortnite-Clone: 2D Responsive Web App

- Created a responsive React web app that uses Canvas: Game Engine, SQLite3, JQuery, Node, Express.
- Implemented web sockets to communicate player coordinates between users to allow multiple players and AI enemies.