Vaishvik Maisuria

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EDUCATION

University of Toronto **Sept. 2016 – Exp. Apr. 2021**

HBSc. 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

Moneris **May 2019 – Exp. Sept. 2020**

Software Engineer *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 unsupervised models like k-mean to help select teaching assistant from class contributions.
- Researched and worked to optimize a neural network to identify similarity between two sentences.

Naman Electric **Mar. 2018 – Aug. 2018**

Full Stack Engineer *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.