

# Bhavik Naik

647 862 2809 • Mississauga, ON • bhavik.naik28@gmail.com • bhaviknaik.com • linkedin.com/in/bhavik-naik

## SKILLS

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**Languages:** Python, R, SQL, MongoDB, C, Java, JavaScript, RESTAPI, Powershell

**Frameworks & Databases:** Pandas, Keras, Numpy, dplyr, tidyr, MySQL, Google Analytics, BigQuery, IBM Db2

**Data Visualizations:** Excel, Google Sheets, Tableau, Matplotlib, Ggplot2, Cognos Analytics, Jupyter Notebook, RMarkdown

**Machine Learning:** Tensorflow, Scikit-learn, regression, deep neural networks, SGDRegressor

**Cloud and Systems:** Git, Windows, Unix, Mac, Google Cloud, AWS, VMWare

## EDUCATION

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**Master of I.T Security, Artificial Intelligence** Sep 2021 - Sep 2022

University of Ontario Institute of Technology • GPA: 4.15 / 4.3 Oshawa, ON

Courses: Network Data Analysis, Machine Learning, Cryptography, Secure Systems, Blockchain, Security Policies

**Bachelor of I.T (Hons) - Networking & I.T Security** Sep 2018 - Apr 2021

University of Ontario Institute of Technology • GPA: 3.71 / 4.3 Oshawa, ON

Courses: Database Systems, Machine Learning, Statistics, Cloud Services, System Admin, Networking, O.S Security

## Certifications

Google Data Analytics Certificate (Jan 2023) | IBM Data Analyst Certificate (Feb 2023)

**Working towards:** Johns Hopkins Data Science Specialization

## EXPERIENCE

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**I.T Administrator Intern** May 2022 - Aug. 2022

Treefrog Newmarket, ON

- Assisted a team of System Administrators to screen and map over 20 security flaws within a digital marketing agency's networks and applications. Designed and architected structures to secure client and admin accounts
- Managed, troubleshooted, and launched Treefrog.host, a hosting platform, while assisting 200+ clients on Zendesk
- Boosted Plesk server performance by 20% by analyzing and removing inactive clients using spreadsheets
- Researched and evaluated GCP with Terraform to create cloud testing environments to mimic current infrastructure
- Accurately communicated with manager to problem-solve and took initiative to complete tasks to enhance efficiency

**Web Developer** July 2020 - Aug. 2021

Mobile Experience Company Whitby, ON

- Developed promotional websites for businesses such as Tim Hortons and Royale that attracted over 50,000 user visits, with a small team apart of a data analytics company that focuses on microsite and marketing development
- Collaborated cross-functionally and utilized agile development processes for CI/CD throughout the SDLC
- Improved site loading times by 70%, optimized pages for SEO, and obeyed the WCAG 2.0 level AA guidelines
- Documented and presented new processes to other developers and took on additional responsibilities to satisfy clients
- Integrated best security practices to prevent injection and other OWASP Top 10 web app security vulnerabilities

**Peer Tutor** Sept. 2019 - Apr. 2021

University of Ontario Institute of Technology Student Life Oshawa, ON

- Tutored over 50 university students in Database Systems, OOP Programming, Computer Security, Advanced Networking, and Web & Script Programming, while demonstrating problem-solving and studying skills

**Project Lead of Enactus Skill Series** May 2020 - May 2021

Enactus Ontario Tech Oshawa, ON

- Directed a team of 5 individuals to create interactive online workshops to inspire students to learn new skills from over 20 industry leading guest speakers. Increased the number of live workshop attendees by over 1400% YOY
- Delegated and trained teammates, recruited students to the team, mentored students to inherit processes, controlled finances, awarded a \$3000 grant from RBC for vision, and applied a brand strategy that grew impressions by 1000%

**Blockchain Research Intern**

May 2020 - July 2020

WiLAN

Remote

- Successfully implemented a custom Hyperledger Fabric blockchain network with smart contracts for an intellectual property licensing company which generates over \$1B in licensing revenue and holds over 500 patents
- Analyzed and investigated the various Hyperledger open-sourced projects that would be best suited for the company to build their blockchain network on, while taking into consideration how secure the network is
- Documented and communicated all findings and code in weekly reports to the supervisor which allowed them to follow along with project progress. Presented the final network in front of executives and managers

**Software Engineer Intern**

June 2018 - Aug. 2018

Kloudville Inc.

Mississauga, ON

- Worked independently to design and engineer a fully-fledged Android and iOS app based on the Kloudville platform using Cordova, for a Software as a Service B2B company that specializes in creating apps for CRM and ERP
- Tested and implemented best security practices to ensure that user app data is secure and REST data is encrypted
- Presented and demoed the app to potential shareholders and future clients which led to an increase in revenue
- Shared comments and documentation with other developers to ensure that the project continues to improve

**Junior Web Programmer Intern**

May 2017 - Aug. 2017

Zcom Systems Inc.

Mississauga, ON

- Assisted in a wide range of web-related development, from auditing sites to ensuring that client data is secure, for a systems integration service provider which provides exclusive R&D solutions and numerous IT services
- Worked with the project manager to understand client demands and accordingly shifted priorities to complete websites on time which increased client satisfaction
- Collaborated with a small team made up of three developers which resulted in taking on unique responsibilities every day