Riya Kumar

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SKILLS & INTERESTS

Skills: Python, HTML, JavaScript, CSS, MySQL, C, C++, Power BI, Solidity, Microsoft Azure, InDesign, Photoshop

EDUCATION

University of Waterloo   *April 2026*
- Candidate for Bachelor of Computer Science (Honours, Co-op)

University of Toronto Schools   *September 2015 - June 2021*
- Ontario High school Diploma & AP Scholar with Honours

WORK EXPERIENCE

Innovapost
Front-end Developer   *May - August 2023*
- Worked on the DayOps team to **maintain and update** various aspects of the **Canada Post** website (e.g. redirects, page fixes, page removal) using **HTML**
- Created **new blog post** pages for monthly features and **added new features** to miniforms (forms users fill out on the on Canada Post's website) using **CSS** and **HTML** and **OpenText**
- Updated the **accessibilit**y of many pages using aria labels, allowing users to navigate with a screen reader easily using **HTML**

Actionable.co
Machine Learning Developer   *June - December 2022*
- Developed a **sentiment analysis model** with **VADER** to classify qualitative data sets resulting in a simpler method for clients to understand feedback from workshops
- Assisted in a **key phrase extraction model** by clustering words commonly used together using **KeyBERT** and **RAKE** models which provided clients with a concise summary of workshop feedback

Algo8
Machine Learning Developer   *May - August 2022*
- Developed **EDA reports** on the distribution of power generated by solar panels over multiple days using **Matplotlib** and **Plotly** which was delivered to the client and used in model development
- Used **PowerBI** to analyze and visualize data for power generated at smaller time frames
- Worked on creating a **linear model** using the GHI of a solar panel and the amount of electricity produced
- Used **MySQL** to link the database and pull data using queries into **PowerBI** resulting in a faster analysis experience

KPMG
Blockchain Developer   *July - August 2019*
- **Deployed a blockchain platform** prototype for financial institutions to exchange and sign contracts over, allowing KPMG to govern the exchanges using **Solidity** and **JSON**
- Designed the smart contracts and online interface from scratch on Microsoft Azure's blockchain workbench
- Presented delivered the prototype to the national blockchain team
- Assisted in delivering proposal slide decks to the internal team

PROJECTS

Server Configuration Side Project   *December 2022*
- Worked on creating a LAN (learned about DHCP/Static IP addresses)
- Configuring RAID and customizing a logical drive on an HP DL380 G7 server
- Downloaded and configured VMWare using a bootable USB

Fraud Detection Machine Learning Program 🔗   *March 2019*
- Developed a tool that flags possible credit card fraud in a list of credit card transactions using unsupervised machine learning using Python with **Pandas** and **Tensor Flow** libraries