Kavya Arun

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Skills

Languages: C/C++, Python, JavaScript, SQL, TypeScript, HTML/CSS, UML, MATLAB
Frameworks/Libraries: AngularJS, Node.js, React, jQuery, Pandas, NumPy, Matplotlib
Tools/Databases: Git, Firebase, Bitbucket, VS Code, JIRA, Confluence, IntelliJ, CLion, SolidWorks, PlantUML
Product: Figma, Prototyping, Wireframing, User Stories, User Flows, User Personas

Education

University of Waterloo   Waterloo, Ontario
Systems Design Engineering, BASc. Candidate   *2020 – 2025*
- 3.83/4.00 cGPA (89.8%) - 1st Year – Dean's Honour List 1A
- **Elected SYDE Academic Class Rep**: The main liaison between 100+ classmates, professors, and SYDE Admin

Experience

Systems Engineer   Sept 2021 - Dec 2021
Deloitte   *Toronto, Ontario*
- Working on a highly confidential client project in the **Middleware Integration Design** team, creating technical **API** requirements and developing **sequence diagrams** using **PlantUML** in the process between various data layers
- Creating **user stories**, API specs, and integration apps to develop a customer-facing digital application
- Streamlining financial processes, increasing efficiency by over **50%** by developing scripts with **Pandas** and **Numpy**
- Developed financial models to conduct **margin improvement analysis** for numerous top **multi million** dollar portfolios, additionally developed a forecast model using **Python**

Software Developer   Jan 2021 – Apr 2021
RBC Technology & Operations   *Toronto, Ontario*
- Utilized **Angular**, **TypeScript**, **NodeJs**, and **HTML/SCSS**, to update and create the online banking page, while implementing **Jasmine** and **Jest** tests, for an increasingly secure and seamless banking experience
- Used the **SDLC**, including **Agile** methodology, to develop the Manage Authorized Users and Pay with Points features on RBC's online banking application, for a more user-friendly experience
- Took on **leadership** roles to conduct weekly socials, led **sprint reviews** and collaborated with **Product Owners** and Team Leads to determine features of the **RBC Rewards Card product**

Web Application Developer   Jun 2020 – Aug 2020
Kenna   *Mississauga, Ontario*
- Designed and remodeled **60** e-newsletter publications and existing web applications to become dynamic on all platforms using **HTML/DHTML**, **CSS**, **JavaScript**, and **jQuery**
- Automated and debugged various processes to increase the efficiency of web applications using **LotusScript** and **jQuery**, while merging production code release branches through **Git**, and modified data entries using **MS-SQL**

Business Development Manager   Sept 2021 – Present
180 Degrees Consulting   *Waterloo, Ontario*
- Managing and retaining **client relationships** at the world's largest **consultancy** for non-profits

Projects

Wanderlust 🔗   Sept 2021
React, JavaScript, Firebase, Firestore, Material-UI
- Built a responsive **React** web application, and used **React Router Hooks** such as **useHistory** to access state of the router and navigate through components.
- Used **history and state hooks** along with **firebase data snapshot** to store/retrieve data in **firestore** to display to the user

Data Science Challenge 🔗   Nov 2021
Pandas, NumPy, SQL
- Utilized **Pandas**, **NumPy**, and **Matplotlib** libraries to write a program that removes outliers from a large data set, and calculate the IQR to accurately analyze the data.
- Used **SQL** queries including **Select**, **Count**, **Group By**, and **nested Joins**, to analyze given data set