Yash Contractor

📞 : 647-720-6365 | ✉ : yashcontractor009@gmail.com | 🔗 | 🔗

SKILLS

Languages: Java, JavaScript, TypeScript, C/C++, Python, C#, Verilog, Bash, HTML/CSS
Tools & Libraries: React.JS, Node.JS, Angular.JS, Git, Azure, Docker, OpenGL, Postman, Octopus Deploy, Selenium

WORK EXPERIENCE

FLINKS | Software Developer · **Toronto, ON | Sept 2021 – Dec 2021**

- Implemented an **Angular.JS** dashboard to view stored financial data in the Flinks API, reducing data understanding time by over **10x**, boosting productivity and decision-making of senior developers
- Tested, identified and fixed bugs using Postman, that helped the Flinks API better communicate data between clients and end users which reduced the number of bugs reported by the user by **30%**
- Implemented a **C#** script using Selenium Web Driver to automate the extraction of end users' financial account statements from client websites, improving the accuracy of the extracted data by **18%**
- Communicated and initiated in internal company meetings to determine effective solutions for end-user experience, enabling a raise in user retention by **5%**

SOFTWARE FOR LOVE | Software Developer · · · · · · · · · · · · **Toronto, ON | May 2021 - Dec 2021**

- Collaborated with clients to re-architect two multi-page webapps into single-page webapps, resulting in a **29%** reduction in bounce rate after implementation across three different webapps
- Enhanced the functionality a webapp by adding **5** new frontend features using **React.JS**, that helped increase user interaction by **15%**
- Increased client satisfaction by identifying and correcting **18 React.JS** bugs, increasing the functionality by **34%**

EXTRA-CURRICULARS

IEEE YORK UNIVERSITY | VP Media · · · · · · · · · · · · · · · · **Toronto, ON | April 2019 – April 2020**

- Led and cultivated club participation through social media accounts by connecting with over **100 students** on a weekly basis to provide constant updates, as well as nurturing individuals to encourage club participation
- Grew the Instagram platform to have **10%** of all first-year engineering students within 3 weeks of starting the club account, to notify as many students as possible regarding our events

YU ROBOTICS ROVER TEAM | Team Member · · · · · · · · · · **Toronto, ON | Sept 2018 – April 2019**

- Refactored **Arduino** code to make the system more extensive to the hardware of a robotic arm

PROJECTS

VOTIFY 🔗 · · · · · · · · · · · · · · · · · · · **React, Solidity, TypeScript | In Development**

- Created a webapp that allows a secure and reliable way to vote on a decentralized blockchain platform

RAYTRACER 🔗 · **C++ | January 2023**

- Developed a program that takes the points and directions of a ray that follows towards the camera, and outputs a dedicated image based on the input

FISH-BOWL ANIMATION 🔗 · · · · · · · · · · · · · · · · · **JavaScript, OpenGL | Oct 2022**

- Implemented a **JavaScript** program using OpenGL library to animate a fish rotating around floating seaweeds, along with a floating humanoid placed beside it

EDUCATION

BEng. Honours Computer Engineering · · · · · · · · · · · · · · **Sept 2018 – December 2023**
York University
Relevant Courses: Data Structures and Algorithms; Operating Systems; Computer Security; Software Design; Discrete Mathematics