Anish Khurana

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Software Development Intern

[Linkedin](#) [GitHub](#) [Personal Website](#)

Skills

- Programming Languages: Python, C++, C#, C, JavaScript, TypeScript, HTML/CSS, PHP, LaTeX
- Technologies: PostgreSQL, MongoDB, Unity, Git, Unix, GCP
- Frameworks: React, React Native, Python Flask, Node.js, jQuery, GraphQL, Jest, Pytest

Work Experience

Software Development Intern - Web/Mobile Development   January 9 - April 28, 2023

Okos Smart Homes, Calgary, AB (on-site)

- Worked on the development of a status icons feature for a Business-to-Business (B2B) application using the **React-Admin** library and the **RESTful API** endpoints created using **Python Flask**
- Implemented a forgot password feature for the website and **React Native** mobile app in **2 weeks**, following proper authentication security guidelines
- Developed and maintained the UI of the website and mobile app for **20+ project managers** and **200+ technicians**
- Continuously tested and debugged new features to enhance user experience

Project Team Member - Web Development   May 24 - August 8, 2022

Waterloo Experience (WE) Accelerate Program - Manulife Modern Web Application Design Stream

eButterfly Labs - Minimum Viable Product Project, Waterloo, ON (remote, project-based experience)

- Completed approximately **100 hours of workshops** provided by Manulife, learning essential skills such as **JavaScript** and **Jest**, as well as **Event-Driven Architecture** and **Test-Driven Development (TDD)**
- Collaborated with a team of 5 developers to build an administration and customer-facing webpage for **50+ users** as part of the eButterfly Labs Project
- Utilized **TypeScript** and **React** to structure the webpages and interact with the RESTful API using Python's **FastAPI**

Projects

Trivia App (Trivia King)   February - April 2023
(https://github.com/programmer812/Trivia-Quiz-App)
(https://github.com/programmer812/Trivia-Quiz-App-Backend)

- Created a full-stack trivia app, built with authentication, where users can attempt quizzes over multiple topics and their scores will be recorded in a database
- Used **React Native** and **Expo Go** for the frontend as well as **Flask** and **PostgreSQL** to create the server and database; used GCP to deploy the server

Blog Website   August 2022
(https://github.com/programmer812/Blog-Website)

- Created a full-stack blog web application to allow users to anonymous post their thoughts on a public forum
- Used **HTML/EJS** and **CSS** to implement the structure and styling as well as **Node.js** and **MongoDB** to create the server and database

Hardware Store Website   June 2022
(https://github.com/Mehdi-Haned/skills-assignment-frontend)

- Created a mock multi-page hardware store website in teams of five, using **React** and **CSS** to build it as well as implement page routing

Math Notes to Latex Converter - Course Design Project   September - November 2021
(https://github.com/rohanvedula/PaZaR)

- Created a python program in a group project that uses **Raspberry Pi**, **OpenCV**, and **OCR** to capture the images and convert math equations into **LaTeX** characters as well as the PyLaTeX library to compile the LaTeX PDF documents

Education

University of Waterloo - Bachelor of Software Engineering   September 2021 - Present

- Scholarships: UWaterloo President's Scholarship of Distinction - $2000
- Clubs: MedTechResolve Student Design Team