

Sukhraj Bhogal

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SKILLS

Languages: Javascript (ES6), Python, Java, TypeScript, HTML, CSS

Technologies: React Native, ReactJS, Node.js, Firebase, Git, REST APIs, GraphQL, MongoDB, Express, PostgreSQL, Socket.io, Docker, AWS

Concepts: Object Oriented Programming, Data Structures and Algorithms, UX and UI Design, Mobile Development

WORK EXPERIENCE

Natural Sciences and Engineering Research Council

Ottawa, ON

Software Engineer Intern

Sept 2019 - Dec 2019

- Developed an automated testing environment for the NSERC Research Portal using C# and Selenium WebDriver
- Implemented automated tests reducing testing time by 85 seconds, resulting in a 70% improvement in testing efficiency
- Led and organized scrum meetings for co-op students to improve productivity and reduce conflicts within agile sprint

Merchant Link

Ottawa, ON

Software Engineer Intern

Jan 2019 - Apr 2019

- Designed and set up a testing environment on a CentOS server to enable a team of 10+ developers to perform independent testing
- Developed a load test using TCL and Expect on a CentOS server to simulate and analyze the performance of the TL One device - located and prevented a fatal memory issue within the device

Public Services and Procurement Canada

Gatineau, QC

Web Developer Intern

May 2018 - Aug 2018

- Produced and edited complex documentation such as HTML documentation, scripts, graphic files, exhibits and display texts, procedures manuals, bulletins, and publications
- Participated in the quality assurance reviews of websites including recommending guidelines, standards, and best practices for technical issues and solutions.

PROJECTS

TalkRelief - Social Media App

React Native, Node.js, Firebase, Expo

- A social mobile app where users can find a safe space to ask for advice, comfort or just a sympathetic ear
- Users can anonymously post struggles they are going through and receive support from other users
- Designed and developed the backend architecture of the authentication, database, notifications and functionality of the app
- Currently deployed on the App Store for over 5+ months with active users

Project Mgmt - Project Management System App

ReactJS, GraphQL, Express, MongoDB, Apollo

- Full-stack web application designed to maintain a collection of clients and their respective projects
- Built the front-end using ReactJS and Apollo, the back-end using GraphQL, Node.js, and Express.js, and the data stored on MongoDB Atlas

EDUCATION

University of Ottawa

Ottawa, ON

BASc, Software Engineering Co-op (Option in Entrepreneurship and Management)

Sept 2017 - Present

AWS Certified Cloud Practitioner

Aug 2022 - Aug 2025