

# Hassan Khan

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## EDUCATION

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### Computer Engineering

*Bachelor of Applied Science*

University of Ottawa

*Expected Graduation Date: April 2023*

**Relevant Coursework:** Introduction to Data Communications and Networking (CEG 3185), Computer Systems Design (CEG 3156), Introduction to Control Systems (ELG 3155), Operating Systems (CSI 3131), Analysis and Design of User Interfaces (SEG 3125), Data Structures and Algorithms (CSI 2110)

## TECHNICAL SKILLS

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**Languages:** Java, Python, C++, JavaScript, HTML/CSS

**Frameworks:** Node.js, ReactJS

**Developer Tools:** Git, Docker, MongoDB, Firebase

## EXPERIENCE

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### Software Developer

*LONEHAVEN Ltd.*

Jan 2022 – May 2022

*Ottawa, ON*

- Enhanced landing page using **ReactJS** to update new web-content and features
- Optimized sponsorship portal to comply with **Web Content Accessibility Guidelines**

### Software Developer

*BrokerLift Inc.*

May 2021 – Dec 2021

*Toronto, ON*

- Utilized **Docker** commands to debug images needed to increase deployment efficiency
- Designed automatic PDF invoice using **HTML/CSS** to summarize client transaction
- Utilized **MongoDB** to store client information within data storage on the company website
- Debugged errors in user database to improve storage of client information

## PROJECTS

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### Personal Portfolio Landing Page

- Technologies Used: JavaScript, React, Node.js, Git
- Used **ReactJS** to develop the user interface of the website
- Utilized Node.js to build server-side tools and applications to develop Personal Portfolio

### Service Novigrad Mobile Application

- Created an App for residents to enquire about driver's license, health card, and photo ID services
- Implemented the App using **Java** and **XML** on Android Studio
- Integrated **Google APIs** and **Google Maps services** to verify addresses
- Tested the application through the builtin emulator, numerous unit test cases, and **CircleCI**
- Utilized **Firebase** database to store user sign in information and different branches and services that are created or deleted

### Project Quote Web App

- Technologies Used: CSV, Git, HTML, CSS, JavaScript, JSON, MongoDB, Docker, AWS
- Developed a web app which allows the user to complete a series of questions and calculates the quote based on the users' inputs
- Implemented **Docker** to package applications into containers and test them on my local environment
- Utilized **MongoDB** to store customer accounts and information