

Abdul Haqani

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EDUCATION

University of Ottawa

BSc in Computing Technology &
BASc Biomedical Mechanical
Engineering with distinction

COURSEWORK

Official Courses

Data Structures and Algorithms
Operating Systems
Discrete Mathematics
Advanced Programming Concepts C++
Computer Architecture
Probability and Statistics for
Engineers
Programming Paradigms
Operating Systems
Databases

Online Courses

The Complete Ruby on Rails
Developer Course
Node.js, Express & MongoDB Dev to
Deployment
React Front to Back
Python Django Dev to Deployment
Basics of GraphQL with Ruby on
Rails

SKILLS

Languages and Skills

Python • JavaScript • Ruby • Go •
Java • C/C++ • Full Stack / app
development • HTML • CSS/SCSS •
JSX • JSON • XML • JQuery • AI/ML •
MongoDB • PostgreSQL • SQL/MX •
Firebase • MySQL

Frameworks and Tools

NodeJS • Express • React • AWS
• Ruby on Rails • Django •
Android Studio • Bootstrap •
Semantic UI • Materialize-css •
Git • Windows • Linux • Docker &
Kubernetes

Github:

<https://github.com/abduhaqani>

Website: <https://ahaqani.netlify.app>

LinkedIn:

<https://linkedin.com/in/abduhrahman-haqani-173a5611b/>

* Additional experience can be given on request *

WORK EXPERIENCE

Qlik | Software Engineer

April 2022 – Present | Ottawa, ON

- Developed **back-end** solutions using **nodejs** and **go**
- Utilized **AWS lambdas** to implement different **APIs** and **triggers**.
- Developed **front-end** solutions using **React**.
- Created **full-stack** solutions using the aforementioned tools.

CIBC Payment Hub Team | Software Engineer

November 2020 – April 2022 | Toronto, ON

- Used **Golang** to implement **JSON APIs** for payment processing.
- Implemented a Payment Processing system in conjunction with VISA to send money from 1 client to another (person or business).
- Developed automated programs to manage high frequency processes.

Statistics Canada | Software Developer

January 2019 – April 2020 | Ottawa, ON

- Used python to perform **data science** and **analysis** for various tasks.
- Developed **MERN Stack REST APIs** to integrate an existing **SQL** db.
- Developed software solutions using **C++** and **Java** for various projects.

ADDITIONAL EXPERIENCE

Jp7sfootball.com | MERN stack freelance project

Developed a **full stack web application** for the CFL Ottawa Redblacks football star, James Peter. This application served as a custom registration and information website for his youth football camps. using **Material UI** on a **React Front end**, the **Stripe API** for handling payments **with a node ExpressJs backend**, and a **MongoDB** database to handle registrant info, this application served to satisfy all of James' requests for this project, and it was also built with a **CI/CD** to iterate and improve the project.

Mercury Scraping | Django freelance project

Developed a full stack app with a **Python Django PostgreSQL stack** with a colleague that uses **web scrapers** to pull data from various social medias and perform analytics on it. The data and web scrapers were **interfaced with the application** to display to the users. The purpose of the application is to allow journalists to send requests for sentiment data.

Koga.world | React freelance project

Developed a **full stack web application** for the Ottawa based music collective named Koga Studios. The website highlights the best of the collective using a modern **React front end**, interacting with Spotify's API's to pull serve the group's music.

CuHacking JetBrains Challenge Winner | EcoSNAP Android App

Developed an application to satisfy the challenge, using **Kotlin** in the implementation of the app. The application **interfaced with the camera** on a phone and sent pictures taken to an **image recognition AI** that differentiates recyclable elements in the picture. The AI then instructs the user whether the object in the picture is recyclable or not, and it also **instructs them how to recycle** the specific object. (ex. Batteries recycled differently than cardboard) A leaderboard was also implemented that communicates with a firebase database.