Abdullah Khalid

akhalid-dev.github.io | 819.431.9165 | akhal022@uottawa.ca
Github: akhalid-dev LinkedIn: abdullah-khalid

EDUCATION

UNIVERSITY OF OTTAWA
BASc in Computer Engineering
cGPA: 3.9/4.0
Distinction: Summa Cum Laude
June, 2020 | Ottawa, ON

CERTIFICATIONS
Google Developer Scholarship
IBM Cloud Practitioner
Full-stack web developer Nanodegree
React Udacity Nanodegree
Security Clearance Level:
Enhanced and Reliability

SKILLS

PROGRAMMING

Python	JavaScript	Java
C#	TypeScript	Ruby
SQL	PHP	CSS/SCSS

TECHNOLOGIES

NodeJS	Express JS	React
Flask	AWS	Docker
GIT	REST	GraphQL
Rails	Postgres	MongoDB

TOOLS

Eclipse	IntelliJ	XCode
VSCode	Unix	Slack
JIRA	Jenkins	Visual Studio

INTERESTS

| Web development | APIs
| Backend | Database | Security |
Client/End user Advocate

AWARDS

U of Ottawa Merit Scholarship
Dean's Honour List
The Duke of Edinburgh's Award

FAVOURITE BOOKS

• The Lean Startup - Eric Ries
• The Adventures Of An IT Leader - Rich.L Nolan
• Inspired - Marty Cagan

EXPERIENCE

PHREESIA | Full Stack Web Developer
July 2020 - Present | Ottawa, ON
- Designed and coded a content management for building campaign advertisements using **React.JS** for front-end and **ExpressJS** back-end.
- Contributed to the design and implementation of continuous integration and delivery **CI/CD** processes for highly available and performant application stack.
- Wrote terraform scripts to allocate/provision **AWS** cloud resources.

IBM | Software Engineer Co-op |
Sep 2017 - Aug 2018 | Ottawa, ON

- Worked with clients on a regular basis to get use cases for product enhancements, solving a total of **320 cases in 12 months**, with a Net Promoter Score (NPS) of **98 percent**.
- Constantly **highest ranked intern** in terms of client satisfaction and the number of client cases resolved.

MICROSEMI CORPORATION | Software Engineer Co-op |
Jan 2017 – Apr 2017 | Ottawa, ON

- Built a data-sheet conversion application using **.NET** and **C#**; minimizing the time considerably for next generation company's micro-controllers.
- Worked on the hardware-software interface programmed in **C**, doubling the featured settings for micro-controller users.
- Provided a new front-end interface for micro-controller; **enabling access for people with disabilities**.

PROJECTS

E-COMMERCE SHOP Jan 2019 – Present | Ottawa, ON

- Implemented an online e-commerce solution using **Node** and **Express.JS** for backend and **React.JS** for front-end; resulting an average of five thousand dollars in sales every month.
- Designed data storage system using **NoSQL** database called **MongoDB**; thus allowing straightforward horizontal and vertical scaling of shop data.
- Integrated an online payment system using the **Stripe platform**; allowing purchases using Visa and Master cards.

IMAGE SIMILARITY DETECTION Jan 2020 – Apr 2020 | Ottawa, ON

- Created a **GraphQL API** web service solution using **Ruby on Rails** that provided resemblance between two multimedia files with above 96 percent accuracy.
- Utilised OS-level virtualisation using **Docker** and **Kubernetes** eliminating disparity between development and production environments.

COMMUNITY HIGHLIGHTS

- Hosted a series of professional **development workshops** in UOttawa from 2015.
- Tutored **math and programming** courses and held exam review sessions for students during mid-term and final exam.