



Summary

Honours software engineering graduate with valuable experience in both corporate and freelance work environments. Well developed understanding of development project structure and individual component construction through work as both a mobile app developer and full stack software engineer. Possessing an innate ability to quickly learn new development technologies for quick application in real projects. The passion and drive to work focused for many hours and the discipline to properly manage health and time to maximize productivity and overall outlook. Always puts the effort into maintaining best practices with regards to adapting coding style to that of the rest of the team and following through on best practices with regards to documentation and testing. Experience as a build engineer using circleci, github actions, and jenkins to empower my development team to build, test, deploy and release code faster and with higher quality.

Experience

Dev-ops & Software Engineer

03/2021 - 05/2022

Mobile Team Lund Sweden
Qlik

Responsible for managing the mobile team's development pipelines to allow for frequent and smooth patches and product deployments. Updates to Docker images and their Github Actions workflows allowed the team make changes and push releases to iOS App Store and the Android Play Store at required business intervals. I also worked on feature development in React Native and worked with representatives from other teams in the company to build multi-product features and deploy synchronously within the company.

- Front end: React Native
- Back end: GoLang
- Containers/Images: Docker + Github Container Registry
- Pipeline: Github Actions, CircleCi, and Jenkins
- Server Systems Admin: MacOS and Ubuntu build agents running on a Jenkins system

E-Commerce Full Stack Software Engineer

11/2020 - 11/2021

Partnership Business Startup
Anime Alley Company

I took the opportunity to build an e-commerce web project alone while my partners handle order processing and management of the product list. My responsibility was to build the full stack. The goal was to build a completely secure, visually striking, scalable, and sustainable system capable of being updated and managed by two untrained people.

- Front end: React.js
- Back end: Node.js and Express
- Database structure: MongoDB
- Server system administration: Ubuntu 20 server running Apache2
- Domain Configuration: Hostwinds
- SEO optimization: (currently underway, looking into server side rendering)
- IMAP-SMTP mail server: complete with DKIM, DMARC, MX authentication and TLS encryption done with Roundcube
- Business logic to handle all use cases from the website interface including admin operations like updating the store product list.

To increase speed I am wrote a median-based quick sort algorithm for storing over 1400 image files so that they can be queried by the back end in $O(\log(n))$ time.

Bradley Gyemi

Full Stack + Dev-Ops Developer
Software Engineer

- ▶ Born 1997 in Windsor, Canada
- ▶ Canadian Citizen
- ▶ Fluent English Speaking

Education

09/2015 - 09/2020

Honours Computer Science (with 3 year Internship)

University of Windsor
Software Eng. Specialization

Capstone Thesis:
Correcting Mouse Input Error With Linear Regression

Skills

Software development 6+ Years

Web security 3+ yrs.

CI/CD Build Engineer 1+ yrs.

Web development 6+ yrs.

Web 3.0 and Blockchain 2+ yrs.

Systems Administration 3+ yrs.

Mobile IOS/Android 3+ yrs

Awards & Accomplishments

05/2020

Frank De-Marco Award

University of Windsor

Awarded to a University of Windsor Student who shows an outstanding level of excellence in both their academic and athletic performance.

05/2018

Karen Harvey Award

University of Windsor

Awarded to a University of Windsor Volleyball player and Windsor native who exemplifies high performance, team leadership, and sportsmanship.

Language Proficiency

- HTML
- Javascript & Frameworks
- Python
- SQL & NoSQL
- Java
- PHP
- C
- C++
- Gradle (Grails, Kotlin)
- React Native
- CSS
- Docker & YAML

Contact

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Professional Volleyball Player | Youth Coach

Lund VK

Swedish Volleyball Eliteserien

10/2020 - 10/2022

As a professional athlete I was responsible for:

- 2 training sessions a day
- Researching opponents through analysis of game film
- Fundamental skill development of younger players
- Performing at an elite level in matches.

As a coach for the youth development program I was responsible for

- Developing local young Swedish players.
- Designing practice plans to map out athlete skill development
- Making the practices fun for the athletes to ensure that they return to training.

Web Application Developer | Internship

01/2017 - 01/2019

Windsor Hiram Walker Branch AppDev

Pernod Ricard

Responsibilities included:

- Building additions and updates to various different company applications.
- Building a web-based IOS application for the company used by all employees to check into work and update their current status so that co-workers could easily locate each other and know whether they were: in a meeting, at lunch, available, etc.
- Augmenting existing apps with IOS and Android push notifications using Firebase, Xcode, and a zero cost api called OneSignal.
- Debugging issues with apps which senior developers failed to solve quickly.
- Designing efficient and comprehensive unit tests for solo projects and existing ones.
- Sufficiently documenting all changes along with consistent collaboration with team members regarding best practices.

These projects required use of Java, JWT, Javascript frameworks like Sencha Architect, HTML, CSS, XCode, Firebase, Apache server, Git and Atlassian, and Bitbucket. They were run through a development pipeline called Jenkins.

Full Stack Software Engineer

08/2016 - 04/2017

Freelance Work

Sky Volley Windsor

The owner of Windsor's local volleyball club hired me as a freelancer to build the club's online software system. New players sign up for the site by entering useful data like name, parents names, age, T-shirt size, gender, etc, and are given a unique SkyID. This SkyID allows athletes to register for various programs made available by the club quickly and easily after logging in to the system. The site is also equipped with admin privileges for the client using his username and password to update site text, list of current coaches, alumni, team rosters, player statistics and registration status of programs (available, unavailable). The admin could also print out registration summaries for all events in an excel spreadsheet with the click of a button from the front end. The club has hired on a full time web developer to take over the management of the site from here forward so now it is managed by them in-house.

- Domain: skyvolley.ca
- Front end: HTML and Javascript with JQuery
- Back end: PHP
- Database structure: MySQL and phpmyadmin
- Server system administration: Siteground control panel
- SEO: automatically strong thanks to use of this low-level stack
- IMAP-SMTP mail server: built into Siteground control panel