

JEDRA PEAKE

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EDUCATION

Software Engineering with Professional Internship

University of Western Ontario

09/2015 - 04/2020

Dean's Honor List

WORK EXPERIENCE

Software Developer VersaBank

08/2020 - Present

Canada/Remote

- Rebuilt a legacy system based in Delphi using Angular, C#, Docker, and SQL
- Rewrote existing SQL queries to drastically improve the performance

Contract Software Engineer Royal Bank of Canada

09/2019 - 04/2020

Canada

- Set up a project pipeline using Angular, Django, and MySQL
- Developed scripts to automate tasks in Hadoop using PySpark
- Built and maintained a REST API with Django-REST framework

Software Developer Media Sonar Technologies

05/2018 - 08/2019

Canada

- Succeeded in migrating users off a legacy platform
- Resolved live fires, often within 6 hours
- Built and enhanced microservices in .NET
- Developed generic and responsive components in Angular
- Implemented an authentication system using Auth0
- Rebuilt multiple social network web scrapers based in C# to improve reliability and efficiency
- Set up a Redis system to improve client side efficiency

Software Engineering Intern HyperPad

06/2017 - 08/2017

Canada

- Built an application in Android Studio, for an external contract
- Implemented and enhanced features using Objective-C, Ruby on Rails, and PostgreSQL
- Implemented a system to manage unethical behavior

Software Engineering Intern Tunnll

05/2017 - 08/2017

Sweden/Remote

- Worked on a Jenkins and Docker pipeline for Android Continuous Integration
- Worked on a Vagrant setup for a Django application
- Fixed and reviewed multiple UI bugs in Django

SKILLS

Angular

ASP.NET

C#

Django

Docker

EF Core

Elasticsearch

Google Cloud Platform

Kubernetes

Microservices

Microsoft Azure

Node.js

PostgreSQL

Python

Ruby

Ruby on Rails

SQL

Test Driven Development

PROJECTS

Syncify

- An open source tool to listen to podcasts and audio in 'sync' with your friends
- Set up an authentication system using Auth0 in Node.js
- Set up the database schema in PostgreSQL
- Built an API query system using GraphQL

Counselling Website

- Set up a file based content management system using Kirby
- Implemented the website so that everything could be updated by non technical people, through the admin panel
- Implemented a role system to give certain users access to the admin panel

Comfort Zone

- Developed the app in Ionic, Firebase, and Angular
- Implemented a multi step on boarding system, where users can use keywords to define their comfort zone
- Leveraged google maps to show pins around a user, which help to depict safe and unsafe zones
- Set up the ability for users to create pins, and tag them with the relevant keywords
- Developed an in app polling system to have other users verify that submitted pins were correct
- Set up a notification system that uses a phones location to notify users of things happening in their area

Self Start Web Application

- Built a web application using Node.js, Ember, and MongoDB
- Set up a system so that practitioners could easily generate forms for clients to fill in
- Developed a system for practitioners to easily generate client specific workouts
- Set up a practitioner portal where things could be easily updated, such as changing the exercise video

Nasa Web Application

- Built a web application using Node.js, Angular, and MongoDB
- Leveraged the Nasa API to search for images based on user input

Lifetime Value Calculator

- Succeeded in implementing a lifetime value calculating algorithm for Big Blue Bubble using python