

JEDRA PEAKE

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EDUCATION

Software Engineering with Professional Internship

University of Western Ontario

09/2015 – 04/2020

WORK EXPERIENCE

Contract Software Engineer

Royal Bank of Canada

09/2019 – 04/2020

Canada

Achievements/Tasks

- 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

Achievements/Tasks

- Succeeded in migrating users with their data from a legacy platform to a next generation platform(NGP)
- 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

Achievements/Tasks

- 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

Achievements/Tasks

- 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

NodeJs

PostgreSQL

Python

Ruby

Ruby on Rails

SQL

Test Driven Development

PROJECTS

Syncify

- Contributed to an open source project
- 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 so it could be deployed to multiple platforms with one code base
- 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
- Used Firebase to store anonymous zone data that could be sold

Self Start Web Application

- Built an online therapy application for a client 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
- Implemented a jwt authentication scheme

Lifetime Value Calculator

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