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

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
- Deployed updates to production and staging environments

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

NodeJs   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 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 using python