DONNIE HICKS
FULL STACK DEVELOPER*

Summary

I completed a History degree with highest honours before working in communications and sales for the second largest telecom company in the world. After relocating to Canada I continued as a professional communicator at the City of Toronto for nearly a decade as an Advanced Emergency Medical Dispatcher. Wishing to grow outside of that role and inspired by the potential of working with software professionally, I transformed my hobby in computers into a career as a Full Stack Developer.

Goal

I am seeking a positive work environment that appreciates my broad skill set and diverse experience, and gives me an opportunity to work with Javascript, React and GraphQL. I am particularly interested in writing code in the Functional Programming paradigm, and generating blazing-fast, static, low-maintenance, and secure web applications with the JAM Stack and Serverless architecture.

Employment

Hyxos   Toronto
Cofounder/Full Stack Developer   March 2013 to Current

In 2013 I cofounded Hyxos Inc. with my partner in order to pursue business projects. In our most recent endeavour I designed and produced the first edition of a card game called TZI using Python to programmatically generate image assets. I created our product website with Javascript and GatsbyJS, building it with React components and querying content data through Gatsby's GraphQL API.

The Brewbox Company   Toronto
Full Stack Developer   Sept. 2016 to March 2017

I organized and automated the process of synchronizing customer data with Mailchimp through their API for email marketing purposes. I worked with Ruby on Rails, PostgreSQL and Javascript to maintain and extend administrative and other backend support features of the company web portal.

The City of Toronto   Toronto
Advanced Emergency Medical Dispatcher   Sept. 2006 to Oct. 2015

Following established medical protocols, I determined the prioritization of incoming 911 calls and administered first-aid and CPR instructions over the phone. Through radio and telephone channels I dispatched ambulances crews and strategically managed departmental resources to ensure paramedic safety and produce optimal patient outcomes.

AT&T (formerly SBC)   Tulsa, Oklahoma
Billing Specialist   Sept. 2002 to May 2003

Fielding inbound calls regarding billing questions, I explained policies, billing procedures, and presented product offerings as solutions to customer needs based on personalized profiles.

Projects

www.tzi.cards   February 2019 to Current

A card game inspired by the lunar calendar. I built the product home page using the Gatsby static site generator library, and deployed it through Netlify. I also designed and produced all of the digital art assets for the product and site.

thebrewbox.co   Sept. 2016 to March 2017

A web portal for purchasing craft beer over the internet built with Ruby on Rails. I focused primarily on backend development, testing, service workers, and third-party API integration.

1hx.ca   October 2009 to Current

A short-link generator based on YOURLS. Over the course of ten years I have migrated it through various backend configurations. Currently running on Ubuntu in a VPS, routing through Nginx, SSL through letsencrypt, and data storage with MySQL.

Contact

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Skills

Frontend
HTML
CSS/SCSS/SASS
Markup

Programming Languages
Javascript
Python
Ruby

Libraries
Gatsby
React
GraphQL

Frameworks
Rails
Django

Backend
Linux/Unix
Nodejs
PostgreSQL/MySQL/SQLite
MongoDB
SSL/TLS

Education

Oral Roberts University   Sept. 1997 to May 2001
BA in History 2001

3.97 GPA
Summa Cum Laude
Academic Peer Adviser
Minors: Philosophy, Modern Hebrew

Lighthouse Labs   Oct. to Dec. 2015
Web Development Bootcamp

Ruby on Rails
PostgreSQL
Javascript

Advanced Analytics and Research Lab   Jan. 2018
Citizen Data Scientist I - III

Introduction to Data Science
R Programming Language

Hobbies

Playing Guitar and Drums
Singing and Songwriting
Playing Video and Board Games
Bee-Keeping