Adam Kenneweg

4A Computer Science | akenneweg@edu.uwaterloo.ca

SUMMARY

I am a full-stack developer, a learning enthusiast, and a programming addict. I have a wide array of interests and skills, with a tendency towards the backend. I enjoy development on both sides of the spectrum because it keeps me focused on efficiency and the user experience. I am pursuing a Computer Science degree at the University of Waterloo.

EXPERIENCE

BLIK   *Software Developer*
Jan 2018 - Apr 2018 | Munich, Germany
- Used **Docker** and **Kubernetes** on **AWS** to automate deployment of IoT devices into BMW factory
- Developed web applications with **Django** and **Python** for displaying live data from thousands of sensors

NANOPAY   *Backend Engineer*
May 2017 - Aug 2017 | Toronto, ON
- Managed and improved the backend API system using **Node.js**. Collaborated with other teams to implement new changes to the API, and wrote unit tests
- Worked with ex Google engineer to transition API to using Google's **FOAM** framework

GYMNATIK   *Co-Founder*
Feb 2016 - Aug 2017
- Cofounded company and did all technical work. Designed and developed the website, and created a backend using **Node.js**, **MongoDB** and **Express**
- Secured 30k of funding post-launch. Continued work and business development. Company was sold August 2017

PITSTOP   *Backend Engineer*
Jan 2016 - April 2016 | Velocity Garage, Waterloo, ON
- Lead development team of 3 to create a backend using **Parse** and **Backbone.js**
- Replaced Parse with a **REST API** built with **Node.js** & **Express.js**, using **PostgreSQL**, hosted on **AWS**. Implemented full test suite using **Jenkins** & **Jira**
- Used **Ruby on rails** to create a **Heroku** app for live data analysis

MARTELLO TECHNOLOGIES   *Software Developer*
May 2015 - Aug 2015 | Ottawa, ON
- Built a data warehousing system that generates **$1.2 million** a year in revenue
- Implemented system in **Java**, with the **Spring Framework** to extract, transform, and load data into **PostgreSQL**

PROJECTS

CRYPTOCURRENCY TRADING SUITE
2017 - 2019
Created various tools to assist in cryptocurrency trading, initially for personal use. Later created an exclusive subscription based service. Tools include: Live volume monitor, technical analysis based buy/sell signals, trading bot. Everything written using **Python/Django** with **MongoDB**

Free sample version of volume monitoring tool (wait a minute for results):
`https://agile-cliffs-23967.herokuapp.com/binance`
Website has 50-100k unique hits/month

SKILLS

LANGUAGES
Backend:
Python • Ruby • Node.js
Java • C++ • C
Frontend:
JavaScript • CSS • HTML5

TECHNOLOGIES
Frameworks:
Django • Rails
Spring Framework • Hibernate
Backbone.js • AngularJS • Express.js
Databases:
PostgreSQL • MongoDB
JDBC • Liquibase
Other:
AWS • Heroku • Docker • Kubernetes
Git • Android • Maven
Mockito • JUnit • Jira • Jenkins

EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of Computer Science
Expected April 2020

INTERESTS

Blockchain
Big Data
Artificial Intelligence
Reading
Fishing
Surfing