Paul Janiszewski

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Education

University of Waterloo

September 2016 to April 2021

Bachelors of Applied Science:
Software Engineering

Skills

Languages: Ruby, Python, Golang, PHP, C++, C#, JavaScript, HTML, CSS

Tools: Node.js, mySQL, MongoDB, Kubernetes, Docker

Frameworks: Vue.js, Laravel, Express

Work Experience

Site Reliability Engineering Intern | Axiom Zen   Vancouver, BC | Sept - Dec 2018

- Spearheaded the creation of a multi-application monitoring infrastructure project using **Prometheus** for scraping and Grafana for displaying metrics, enabling latency, container and database statistic analysis
- Developed middleware to measure Postgres query times to identify and optimize inefficient queries
- Automated reliability testing of reverse proxy with **Ruby** and **Pagerduty API** to prevent prolonged site-wide server outages in international markets

Full-Stack Development Intern | GradeSlam   Montreal, QC | Jan - Apr 2018

- Architected session-tracking infrastructure utilizing **JavaScript**, **PHP**, **SQL**, and **Google Charts API** to retrieve session information and visualize customer website usage
- Designed multiple front-end layouts and reusable user-interface components via **Vue.js** and **HTML/CSS**
- Created numerous APIs using **Laravel (PHP)** for creating, sorting, and manipulating data currently accessible from 3,500 monthly active accounts and 87 schools

DevOps Intern | Oracle   Toronto, ON | May - Aug 2017

- Implemented multiple monitors to ensure health of Linux and Windows servers with **Ruby** using the **Sensu** platform, allowing instant error response on server failures
- Configured a **reverse-proxy using Apache** for SSL connections between Teamcity Website and Users
- Created Teamcity builds with Bash and **Ruby** to automate various DevOps tasks, including rebooting services and clearing strorage on specified servers

Software Engineering Intern | Bombardier Aerospace   Montreal, QC | May - Aug 2016

- Developed an internal Windows application designed for viewing, storing, searching, and analyzing company-wide data reports in **C#** using **Microsoft Visual Studio**

Projects

Bit Tap   BitCore API, Kotlin, MongoDB, Node.js

- Android App: Personal wallet for NFC-enabled Bitcoin transactions
- Created a RESTful API for user to transact bitcoins over a secure network with **Node.js** and **BitCore API**
- Implemented a **MongoDB** database to store user log-in and user wallet addresses
- Designed and built an Android app with **Kotlin** in **Android Studio** for transactions over Android Beam (NFC)

Collaboreats   Express, MongoDB, Node.js, Vue.js, Yelp API

- Web App: Live voting rooms for deciding restaurants for group dining
- Utilized **Node.js** and **Express** to create a RESTful API for users to create rooms and add friends, with a generated room ID and user IDs stored in a **MongoDB** database
- Built a web app with Vue.js, HTML/CSS, allowing room users to vote on and add restaurants, leveraging **Yelp API**