Simon Miller

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Summary

He loves coding, playing Go, building cool stuff, and solving hard problems.

As a Back-end Developer, he has equipped with a diverse and promising skill-set.

Proficient in an assortment of technologies, including blockchain technology.

Education

The University of Tokyo, 2009 - 2013

Gained BACHELOR'S DEGREE

Experience

Backend Engineer, Gusher, Philadelphia, PA

Nov, 2020 - Oct, 2022

Maintained and developed new features for a back-end for mange multi-chatting.

Added new feature to implement room-chat using web-sockets.

Refactored a back-end application by switching to AWS DynamoDB, Dynamoose, Node.js, and GraphQL stack and re-engineering the complete architecture to make the code clean, readable, scalable, and optimized for specific usage.

Developed a simple, project-specific test environment and provided multiple tests for the kernel code features and migration.

Backend Developer, Doppler, San Francisco, California

Aug, 2018 - Oct, 2020

Implemented a scalable module for back-end communication,

Consulted on and refactored some APIs to be integrate enterprise platforms used by some of the most e-commerce company.

Implemented data access through web app, Windows app, and web service.

Implemented a performance coating inventory.

Implemented internationalization on both front-end and back-end sides.

Tested front-end using Jasmine and back-end using Mocha.

Backend Engineer, Allovance

Jan, 2016 - July, 2018

Worked closely with the CEO to refine and upgrade a variety of aspects of the business's primary application.

Made the API endpoints using JSON Schemas to model and validate the input and output.

Set up the automatic generation of documentation for the API endpoints based on the JSON Schema models.

Integrated and conducted end-to-end and performance stress testing of the built tools.

Conducted technical interviews and code reviews, and provided mentorship to a team of developers.

Software Engineer, Mirantis

Aug, 2014 - Dec, 2015

Integrated Harness into CD processes.

Developed and maintained dev tools and services that help developers deploy and manage services in bare metal and Kubernetes environments.

Support for migrating development teams from in-company developed deployment system to Harness.

Fullstack Developer, Freelance

Sep, 2013 - July, 2014

Worked API integrations and database structures for various applications.

Created web applications using PHP, Node.js and different front-end frameworks.

Created a scraping app using C++, Python, Java.

Created mobile responsive static web pages with different types of animations.

Skills

- Node.js | Express.js
- React | Redux | Next.js
- Angular | Nest.js
- Vue.js | Nuxt.js
- PHP | Laravel | Wordpress
- Django
- Ruby on rails
- MongoDB, MySQL, Postgresql, GraphQL
- C++
- Go
- Java
- Rust
- Solidity