MATTHEW GINTHER

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in/matthew-ginther

Objective

I'm a software engineer with development experience located in Los Angeles looking for full stack web development opportunities. I'm a fan of React, Node, and enjoy keeping up with the newest technologies, utilizing them in real world projects.

Technical Skills

Front End: Javascript | CSS3 | HTML5 | React | Redux

Back End: Node | Python | Express | MySQL | Sequelize | RESTful API development

Testing/Deployment: Mocha | Chai | Heroku | Docker

Development Tools: Git | Npm | Webpack | Babel | TDD | Agile Methodology

Software Engineering Applications

A Way Home - Reviews/Map   *React | Express | MySQL | Google Cloud Platform | Sequelize*

A mockup of Home Away's product display page

- Built a front-end clone of Home Away's Review and Map section using React
- Utilized Google Maps Javascript API to dynamically render custom markers based on a listing's location
- Implemented SOA to collectively build a product display page for Home Away by merging multiple micro-services into one proxy server
- Generated 100 unique records for MySQL with Sequelize to simulate realistic product information data

IKEA Mock System Design   *Express | Postgres | Node | AWS EC2 | Loader.io | Artillery*

Designed and scaled a backend system for primary image carousel

- Hosted multiple servers on AWS EC2 instances with a load balancer to improve GET request times by 83% and an error rate of 0%
- Utilized Node stream functions to write 10 million primary records to a Postgresql database on an AWS t2.micro instance
- Stress tested service using cloud based loader.io and Artillery while while simultaneously optimizing the system

Fishr   *React Native | MySQL | Expo | React Native Libraries*

Mobile geolocation social app for fishermen

- Dynamically rendered for each geolocation marker, a list item with information regarding that fishing spot as well as up/down vote buttons using React Native
- Created iOS-style swipe out buttons that appear behind the list item component, that allow for deletion and updating of a geolocation marker through HTTP requests
- Worked on a team that facilitated a monolithic architecture for project workflow

Education

Hack Reactor

Los Angeles | 2020

- Advanced Software Engineering Immersive Bootcamp

University of California, Los Angeles

Los Angeles | 2017

- B.A. degree in Japanese, GPA 3.55

Waseda University

Tokyo | June 2016 - August 2017