Matthew Mata

matthewmata151@gmail.com | Los Angeles, CA | (310) 617-7308
github.com/matthewmata | linkedin.com/in/matthew-mata | matthew-mata.herokuapp.com

Technical Skills

Front End | JavaScript, HTML5, CSS3, SCSS, React, React-Native, Redux
Back End | Node.js, Express, MongoDB, MySQL, PostgreSQL, Redis, Nginx, RESTful API Development
Deployment/Testing | AWS EC2, Heroku, Jest, Enzyme, Artillery, Loader.io, Docker, Expo
Developer Tools | Git, NPM, Webpack, Babel, Agile Methodology

Applications

Grubhub - *System Design and DBMS Optimization*
Node.js | Express | MongoDB | PostgreSQL | Redis | Nginx | Docker | Artillery | Loader.io | AWS EC2

- Benchmarked query times of 10 million records between two DBMS (MongoDB & PostgreSQL) via Artillery and selected the more optimized DBMS based on query execution times.
- Reduced restaurant details database query execution time from **95000 ms to 15 ms** through the use of **single key indexing and caching**
- Increased **RPS from 500 to 5500 with 0% error rate** by horizontal scaling via Least Connection load balancing and 4 AWS EC2 Server Instances

We Play - *Sports Pickup Game Mobile Application*
React-Native | Express | MySQL | Sequelize | Expo

- Mobile application where users can join various sports matches based on user's geo-location
- Built and styled account component which included functionality to edit profile information in the database and to view all events the user signed up for
- Set up account creation and user verification via **Facebook Open Authentication**

Nordstrom - *Web Application Clone*
React | CSS Modules | SCSS | Webpack | Express | MongoDB | AWS S3 | Heroku

- Built main product description section which included image sliding carousels which mimicked the styling and logic of the actual Nordstrom website
- Implemented a **Microservice Architecture** for rendering multiple modular components onto a single proxy server, ensuring future scalability
- Served static media files through a CDN via **AWS S3** to ensure faster response time and latency

Professional Experience

Hack Reactor @Galvanize – *Software Engineering Teaching Assistant*   2019-Present

- Provided technical guidance to 40+ junior engineers pertaining to JS and CS fundamentals
- Enforced best practices and code readability, such as ES6 implementation, DRY principles, and Git workflow in code reviews, lightning lectures, and whiteboarding practice
- Conducted technical interviews for prospective software engineering admits

Mata Medical Billing – *Medical Billing Assistant*   2015-2019

- Contacted insurance companies and patients to resolve financial disputes about outstanding patient balances and unresolved claims
- Managed and reviewed insurance aging reports on Microsoft Excel to help finalize unresolved claims

Education

Hack Reactor, Los Angeles   2019
Advanced Software Engineering Immersive

California State University, Long Beach   2018
Business Administration, Finance
Dean's Honor List Fall 2018