

CHRIS SANCHEZ

SOFTWARE ENGINEER

CONTACT

PHONE

(949) 422-4527

EMAIL

chrissanchez89@gmail.com

SOCIAL MEDIA

linkedin.com/in/csanchez11

github.com/csanchez11

TECHNICAL SKILLS

LANGUAGES & FRAMEWORKS

JavaScript (ES5 & ES6)

React

Express

HTML5 & CSS3

DATABASES

MySQL

MongoDB

PostgreSQL

DEVELOPMENT TOOLS

Node.js

Amazon Web Services

Docker

NGINX

Jest

Webpack

Babel

Git

EDUCATION

HACK REACTOR

Software Engineering Immersive

June 2020

Los Angeles, CA

UNIVERSITY OF SOUTHERN CALIFORNIA

B.S. Business Administration

May 2011

Los Angeles, CA

REFERENCES

HALEY SEDAM

Agency 2.0

VP of Campaign Management

haley.sedam@gmail.com

MOHAMED OMAR

Apple, Inc.

Lead of US Digital Consumer Business

m.omar@apple.com

APPLICATIONS

MOBILE FITNESS APP

June 2020

React Native | Expo | MongoDB | Express | NodeJS | Firebase

Conceptualized, designed and built an interactive mobile fitness app with React Native

- Created a responsive interface that tracked workout duration and upon completion stored workout data to the user's profile
- Authenticated users with Firebase Authentication to produce a unique user environment

SYSTEMS DESIGN

June 2020

MongoDB | PostgreSQL | AWS | NGINX | Redis | K6 | Loader

Designed, stress tested and scaled an e-commerce app to handle production level volume

- Balanced load across five t2 micro servers using round robin technique and implemented data caching with NginX to increase throughput from 600 to 8700 requests per second while maintaining an average latency of 115 ms and an error rate below 1%
- Administered stress testing using loader.io to validate decisions behind schema design, database choice, and caching technology for a data set of 10 million primary records
- Benchmarked and optimized MongoDB and PostgreSQL using Indexing to produce query times of 5ms and 8ms respectively

FRONT END DESIGN

May 2020

React | Express | MySQL | Jest | AWS | Webpack | Babel

Emulated LuluLemon product page with a focus on visual aesthetics and interactive functionality

- Implemented Agile Test Driven Development using Jest and Mocha to validate functionality while scaling and implementing new application features
- Employed a service oriented architecture allowing for modularity and enterprise agility

WORK EXPERIENCE

MEMBER ADVOCATE

2019 - Present

Happy Money | Tustin, CA

- Connected team members from different departments to solve consumer facing problems to elevate the user experience

CAMPAIGN MANAGER

2017 - 2018

Agency 2.0 | Santa Monica, CA

- Successfully crowdfunded over \$3MM through customized product launch strategies, targeted paid social media marketing and coordinating the efforts of a multi-disciplinary team

SPECIALIST

2014 - 2017

Apple Inc. | Culver City, CA

- Developed end-to-end solutions for businesses and individuals to increase productivity
- Consistently generated over \$500K in revenue annually while maintaining a Net Promoter Score of 98