

AMAR VADHIA

amar.vadhia@gmail.com | 408-220-5449 | Cupertino, CA | U.S. Citizen
github.com/remremm | in/amarvadhia/

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, ES6, React, Redux, jQuery, HTML/CSS, React-Native

Databases: MongoDB, MySQL, PostgreSQL, Cassandra

Other Technologies: NodeJS, Express, Jest, Enzyme, Git, Webpack, Babel, AWS (EC2), Docker, Trello, Nginx

SOFTWARE ENGINEERING PROJECTS

iZippy

System design for vacation rental application

- Increased throughput from under 50 requests per second to 680 requests per second using **Nginx** as a load balancer, thus allowing more users to simultaneously access the webapp
- Optimized **PostgreSQL** database to increase query speed from over 50 milliseconds to 0.003 milliseconds per query, using indexing and caching, which allowed for a greater number of requests per second
- Decreased time to seed over 30 million rows of data from 1.5 hours to under 10 minutes by writing CSV files then copying the files into my database tables
- Oversaw sprint planning, daily standups, and retrospectives using the agile methodology

BedSpace

A RESTful, single page vacation rental application

- Reduced page load times by optimizing **MySQL** queries to pre-fetch data needed at the time of load, thus increasing Google load speeds score from 37 to 100
- Integrated test driven development using Jest, Enzyme, and puppeteer in order to create an automated testing suite
- Developed modular front-end components with **React** for enhanced rendering speed to create a seamless user experience

Another World

A mobile choose your own adventure text based game

- Developed utilizing **React-Native**, to re-render components on relevant state changes to create a polished user experience
- Rendered story choices dynamically through the use of **Postgres's** persistent storage system, allowing users to save their progress as they exit the application

EDUCATION

CONCORDIA UNIVERSITY IRVINE

Irvine, CA

Bachelors of Arts in General Communication

2018

- Relevant Coursework: Interpersonal Communication, Small Group Communication, Intercultural Communication, Public Relations, Advanced Public Speaking

HACK REACTOR

San Francisco, CA

Advanced Software Engineering Immersive Program

2019

UDEMY

Online

The Complete 2019 Web Development Bootcamp

2019

WORK EXPERIENCE

UNIQLO

Irvine, CA

Sales Associate

2017 – 2018

- Provided excellent service for customers, all while Multi-tasking across customers, POS systems, and Inventory while increasing aptitude in sales and communication.

DOORDASH

Cupertino, CA

Driver

2016 – 2017

- Maintained a 4.8/5.0 rating while providing outstanding customer service