Nick Rotondo

`Full Stack Developer`

Software Engineering Applications

RoomEase Mobile App

React-Native, Expo, Node, Express, MongoDB, Mongoose, Firebase Auth

Mobile application to help roommates manage their household together.

- **Wire-framed and designed the UI/UX** with Figma to achieve a cohesive look and feel across pages and insure simple and intuitive user interaction.
- Built out the homepage and groceries tabs using **React-Native and Stylesheets** to give users an overview of the tabs and keep a shared shopping list.
- Created a page to let users create a household or connect to an existing one using a **modal and form fields**.

Getsy System Design Capstone

Node, Express, PostgreSQL, MongoDB, AWS EC2, NGINX, Loader.io

Performance optimization and scaling of inherited legacy codebase for production level traffic.

- Benchmarked query times of MongoDB and PostgreSQL databases and **optimized response time to 2.5 ms** using b-tree indexing.
- Increased app performance locally to **latency of 12 ms at 1,400 RPS**.
- Horizontally scaled system utilizing four AWS EC2 instances and NGINX to load balance to achieve **1,400 RPS with an error rate of 0.1% and 75 ms latency**.
- Added caching with NGINX to reduce **response time to 61 ms** with an **error rate of 0% at 5,000 RPS**.

TimCamp Product Page

React, CSS, Node, Express, MongoDB, Mongoose

HipCamp front end clone. Product page for a campsite listing application with details, photos, reviews, map and suggestions.

- Built out the UI and functionality for the Navigation Bar and Reviews module using **React and CSS** to recreate the look and feel of the original application.
- Created a search bar with search-on-type functionality using a custom **debounce function** to wait 0.5s to send an HTTP request so queries aren't executed on every letter.
- Implemented pagination and custom sorting features for reviews displayed for a particular campsite.

Select Experience

Hope Chapel | Art Director   2014–2020

- **Produced 300+ production ready designs** for various events using Adobe CC, often under extremely tight deadlines.
- **Maintained the company website** design and content using Wordpress.
- **Oversaw 3 employees** in producing all print media for weekend services and large special events using Nozbe and Evernote.
- **Managed the art department budget** of $8,500 in Excel and provided monthly reports to justify every dollar spent.

Twelve21 Home Solutions | Cofounder   2015–2020

- **Designed all branding and marketing materials** for the company using Adobe CC for internal and promotional use.
- **Analyzed trends and target demographics** using real estate tools and local knowledge to design custom houses that generate interest and sell for a premium.

Contact

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Technical Skills

Front End:

Javascript, React, React-Native, HTML, CSS, SASS, Flexbox, Grid

Back End:

Node, Express, PostgreSQL, MongoDB, MySQL, REST API, NGINX

Deployment:

AWS EC2 & S3, Docker

Dev Tools:

Git, NPM, Yarn, Webpack, Babel, Loader.IO, K6

Testing:

Jest, Enzyme, Mocha, Chai

Design:

Photoshop, Indesign, Illustrator, Figma, Sketch

Education

Hack Reactor   2020

Advanced Software Engineering Immersive Program

Biola University   2009

B.S. in Business Administration
Academic Scholarship