

Wilson Ng

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Technical Skills

Strong: Javascript (ES6), React, Redux, Angular, Webpack, HTML5, CSS3, Bootstrap, jQuery, Node, Express, Socket.io, MongoDB, Mongoose, MySQL, Sequelize, Git, Docker, Circle CI, Mocha/Chai, Selenium
Experienced: Python, React Native, Ember, Backbone, Sass, PostgreSQL, Redis, AWS

Software Engineering Applications

LetUs, Software Engineer

Mobile-first web application for live event planning

- Engineered front-end with React and Redux for enhanced rendering speed across views
- Implemented binary streaming with Node and Socket.io for reduced latency and server load
- Designed UI for iOS, Android, and Desktop for consistent UX across platforms
- Configured build with Webpack, and condensed UI library for reduced load times
- Implemented service-oriented architecture with Docker for stability and scalability
- Automated continuous integration with Mocha/Chai and Selenium tests utilizing Circle CI

Ambitually, Software Engineer

Habit tracking application with geolocation based check-in

- Managed application state with Redux to modularize data flow for maintainability and extensibility
- Optimized client routing with React Router for clean URLs and consistent browser behavior
- Implemented geolocation with Google Maps API and custom proximity algorithm for 200m accuracy

TripPin, Software Engineer

Visualize trips by attaching photos and journals to pins on a map

- Rendered map views with Angular and Google Maps API for efficient SPA interaction
- Implemented authentication with Google OAuth 2.0 for familiar and secure sign in
- Handled API calls and database queries with Express and Mongoose for readability and performance

HypeFriends, Software Engineer

Discover your friends' favorite songs

- Designed RESTful API with Node and Express for scalability and extensibility
 - Cached search queries with MongoDB and Mongoose for reduced latency and optimized API calls
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Experience

Love Never Fails, Freelance Web Developer, Program Assistant

2014 - 2017

- Developed and maintained website, podcast, content and online donation platform
- Implemented Salesforce software to streamline processing of case notes, new members, and donations to better interact with client and donor needs

2015 - 2016

San Francisco Collaborative Against Human Trafficking, Program Assistant

- Collaborated with NGO's and government organizations to implement education, therapy, and fundraising programs related to anti-human trafficking
 - Coordinated annual SFCAPT Conference and raised over \$11,000 in revenue
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Education

- Hack Reactor, *Advanced Software Engineering Immersive Program*
- San Diego State University, *B.S. Kinesiology - Pre-Physical Therapy*

2017

2012