

Ray Lin

Software Engineer

Personal Info

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E-mail

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GitHub

github.com/Raylin009

LinkedIn

linkedin.com/in/ray-lin/

Technical Skills

Languages

TypeScript, JavaScript, SQL,

HTML,CSS

Frameworks

React, Express, Jest,

Enzyme, Mocha, Chai

Databases

PostgreSQL, MySQL, MongoDB

Tools, Services, and Libraries

AWS, Node, EC2, AJAX/HTTP,

jQuery, Underscore, Docker, Loader

IO, NGINX, Artillery, New Relic

Educations

- 2019

Hack Reactor at Galvanize

Advanced Software Engineering

Immersive Program

2017 - 2017

University of Notre Dame

Warrior Scholar Project

2017 - 2018

De Anza College

Computer Aided Design and Drafting

(Creo 4, SOLIDWORKS, and

AutoCAD)

Army NCO transitioning to Software Engineer with experience in building applications and implementing features with React, redux, styling components. Currently responsible for coordinating US Army assets in cross organizational projects and operations, leading monthly department training events, and providing logistical support for all ongoing unit operations.

Projects

Apr 2019

Open Chair, restaurant reservation service

Software Engineer

- Increased module service request capacity from 500 to 1500 requests per second by implementing NGINX load balancer across 6 AWS EC2 instances.
- Optimized the backend for specific application use cases and reduced query time by migrating development level MySQL database to production level MongoDB.
- Decreased query time by 80% through de-normalizing and re-indexing database.
- Applied Agile methodology, led morning Scrum meetings, and conducted code reviews to track deliverable timeline.
- Coordinated with team members and conducted code review to ensure module compatibility across service.

Mar 2019

Pristine, Man's fashion service

Software Engineer

- Executed all visual design stages from concept to implementation.
- Built all modules using React, Express, Node, Bluma CSS framework, Google Map API, and deployed service on AWS EC2 instance.
- Created user stories, wireframes, and user flow for web to effectively communicate interaction and design ideas.
- Conducted user research and test design concepts through rapid prototyping.

Mar 2019

GHRSEA Express, online shopping site

Software Engineer

- Built React modules from scratch using Express in Node.js and deployed via AWS EC2.
- Deployed proxy server using AWS EC2 via Docker container.
- Improved Google page speed insight score by 300% through utilizing Webpack's built-in minifier.
- Designed and created user stories, wireframes, and feature requirements using UX design methodology.
- Implemented unit tests with Jest & Enzyme with 71% code coverage.

Experience

Jan 2015 -

present

Project/Operations Manager - Information Operations

U.S. Army Reserve

- Represented the organization as a unit liaison to corporate consumers and senior leaders.
- Coordinated operational electronic warfare, cyber warfare, psychological operations and civil affairs assets and weapon systems.
- Led a team of 13 people on remote assignments while coordinating logistical supplies with host organization.