

GARRETT GREEN

Software Engineer | Chicago, IL | 859.806.7918 | Garrett.Wile.Green@gmail.com

Experience

Paro.io | Chicago, IL

Full Stack Engineer - January 2020 to Present

- Redesigned GraphQL API architecture by implementing single federated GraphQL server; combined 4+ GraphQL services to single schema and endpoint, improving distribution and development of back-end microservices while simplifying front-end data access
- Collaborated with two developers to plan, build, and maintain team's first React app, establishing team-specific best practices for effective, modern React app development; led to adoption of React micro-frontend solution to accelerate sunseting legacy Angular app
- Developed custom integration solutions for external services including Salesforce, HelloSign, Auth0, and more

Jr. Full Stack Engineer - April 2019 to January 2020

- Developed, shipped and operated several microservices (15+ services, managing 300+ lambda functions)
- Assisted in development of redesigned data pipeline process, syncing 3,000+ users' data from MySQL database to Elasticsearch service via DynamoDB Streams for improved search functionality
- Helped design and develop node REST API service, improving code maintainability by replacing legacy PHP API

Fullstack Academy Of Code | Chicago, IL

Teaching Fellow - January 2019 to April 2019

- Provided daily code reviews with in-depth feedback to 25+ students
- Served as technical mentor and project supervisor for two 4-person teams

VaynerMedia | New York, NY

Account Coordinator, General Electric & Revlon - January 2017 to April 2017

Assistant to the CEO, Gary Vaynerchuk - March 2016 to January 2017

Community Manager, General Electric - April 2015 to March 2016

Skills & Tools

Languages: JavaScript (ES6+) & TypeScript, HTML/CSS, SQL

Technologies: Node, React, GraphQL, Sequelize/TypeORM, MySQL/PostgreSQL, Serverless Framework, AWS, elasticsearch, Express, Google Cloud, Webpack, Bash/Shell, Auth0, Jest, React Testing Library

Other: API design, relational databases, unit & integration testing, Git version control

Projects

Today In Phish History | Google Cloud Functions API, Twitter bot, and web app

Sole Developer

- API consists of multiple Google Cloud Functions, written in Typescript
- Google Cloud Scheduler invokes custom Cloud Function integrated with Twitter API to post multi-tweet thread
- Web app built with Preact and Parcel for optimal speed and performance (100 Lighthouse Performance Score)

Pass The Aux | Web App for building better Spotify playlists

Sole Developer

- Built with React, Redux, Express, PostgreSQL, Passport, Spotify API and deployed to Heroku
- Planned, built, and deployed as part of a 4-day hackathon
- Creates Spotify playlists using a Tinder-like UX and Spotify's recommendation algorithm

Leftover Rover | Uber-like web app offering a unique delivery service

Full Stack Developer

- Built with React, Redux, Socket.io, Mapbox, Express, PostgreSQL, Webpack and deployed to Heroku
- Major features included real-time location tracking between two different user types, dynamic driving route creation, and automated text/email updates

Education

Fullstack Academy Of Code | 2018

Software Engineering Immersive

Belmont University | 2014

Bachelor of Business Administration (B.B.A.) - Marketing; Information Systems Management