

# Daniel J. Ahn

Full Stack Software Engineer

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## Skills

JavaScript, React, Redux, HTML5, CSS3, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, Webpack, jQuery, Git, Heroku

## Projects

### Run With Me

[Live Site](#) | [Github](#)

A single-page full-stack application inspired by Map My Run where users can log, edit, and delete running routes, utilizing various Google Maps APIs

JavaScript, React / Redux, Ruby / Rails, HTML, CSS, Recharts.js, PostgreSQL

- Optimized Rails backend queries by pre-fetching tables to prevent N+1 queries
- Tracked running routes by sending click requests through Directions API for users to save for future use
- Utilized Active Record queries to filter PostgreSQL data, minimizing front-end load
- Pinpointed user's real world location via Geolocation API, allowing the map to center when loaded

### Progress Slacker

[Live Site](#) | [Github](#)

A single-page meme generator app built in collaboration with 3 software engineers, utilizing Canvas to create and save memes

MongoDB, Express.js, React / Redux, Node.js

- Converted images to JSON format to minimize storage size (Mb to kb) in MongoDB, maintaining image quality while ensuring efficient load times
- Implemented RESTful APIs with Express and Axios for seamless communication between frontend and backend
- Ensured received user inputs are within constraints by applying Validator to various input fields
- Protected website routes/pages by authenticating user's API requests with JSON Web Token

### Ramen Time

[Live Site](#) | [Github](#)

An interactive Vanilla JavaScript and D3 application displaying ramen nutrition facts

JavaScript, D3.js, HTML, CSS

- Leveraged D3.js for visualization of nutritional data as bar charts for different types of instant ramen
- Created interactive charts to increase visual appeal and enhance user experience
- Increased flexibility in Webpack by using Merge to DRY shared configurations between Development and Production environments

## Experience

### Steve S. Ahn Custom House Broker

Jun 2012

- Present

Licensed Custom House Broker / Entry Specialist

- Implemented financial strategies for 9 clients, saving up to 25% on import duties/taxes/fees
- Processed and cleared over \$4MM worth of goods annually for 5 major clients
- Minimized downtime by streamlining cargo examinations by U.S. CBP and Partner Gov't Agencies (FDA, USDA, etc)
- Coordinated 20+ deliveries per month with truckers from Ocean/Air ports to client's final destination

### Rallye Motors - Mercedes-Benz

Apr 2019 - May 2020

Certified Mercedes-Benz Technician

- Serviced over 30 models of passenger, truck, and specialized AMG vehicles, ranging from \$30,000 to \$200,000+
- Diagnosed, calibrated, repaired radar sensors, computer modules, and mechanical components using the latest scanners
- Trained new technicians on over 25 Mercedes Certified practices and safety procedures
- Directed a team of 7 technicians to perform quick services, reducing turnaround time by 20-30%

## Education

### App Academy

Oct 2020 - Feb 2021

Immersive 1000-hour software development course with focus on full stack web development with < 3% acceptance rate

### Binghamton University (SUNY)

Aug 2008 - May 2012

School of Management / B.S. in Finance and Marketing