Ayo **Amadi**

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Software**Developer**

Highlights

- Experienced in Node.js using JavaScript.
- 3+ years of experience with front-end JavaScript development.
- Able to work effectively either with others or alone.
- Has a very diverse skill-set and is comfortable managing high-levels of responsibilities.
- Familiar with Vue and React.
- Able to communicate across teams and to clients.
- Ayo is a U.S. Citizen, moving to Brooklyn, NY soon, and is available within a 2-week notice.

Technical Skills

Languages & Frameworks: JavaScript & Node.js, Ruby & Ruby on Rails, React, Vue
Databases: SQL - MySQL & PostgreSQL, NoSQL - MongoDB & Redis (Back-Up/Restore/Replication)
Servers: Google Cloud, AWS, Ubuntu, Debian
Workflow: Visual Studio Code, JIRA, Trello
Methodologies: Waterfall, Agile/Scrum, Kanban

Projects

Luggage Relay

luggagerelay.com/en?location=tw

A multi-language, multi-country, travel-based E-Commerce marketplace with a non-hierarchical permissions function. Brand distributors, distributors, and people that want to sell or lease their goods can all use the site to sell bags and/or travel accessories.

Node.js, Express, MongoDB, JavaScript, HTML5, SCSS, Nginx, Google Cloud

- Improved search/read performance by up to 380% by creating a string with all searchable keywords on the index-listed documents.
- Built a custom permissions middleware to deal with the different user types and the different parts of the site that they could access.
- Extended upon a pre-made drag and drop library to change the order of a product's images.
- Built a custom locale and language functionality.
- Used the observer design pattern to create a robust notifications and emails system.
- Integrated both PayPal and O'pay to take online credit card payments.

Petbond

petbond.com.tw

A multi-language, blog-style, business card application with search functionality for their product reviews and their self submitted articles/posts.

Node.js, Express, MongoDB, React, Summernote, Nginx, Google Cloud

- Used a personally developed proprietary CMS and extended upon it due to the use of indexing on the summernote based wysiwig descriptions.
- Instead of allowing summernote to add its extremely long Base64 string for the uploaded images, decorated this process to upload the image to the server, and then replaced the Base64 string with the image url. This increased the write speed by 200% on average, and the search/read speed by 315% on average.

Jarvis

ayo.works/videos/jarvis.mp4

A wrapper that connected via an api with the client's artificial intelligence based crypto-currency. Developed the client-facing portion of this, along with using mongoDB to store user's credentials.

Node.js, Express, MongoDB, JavaScript, SCSS, Nginx, Google Cloud

- Recommended and implemented an almost full user sign-up suite with an email-verification and a forgot-password flow.
- Coded out a kyc - know your customer functionality, but was never deployed due to legality issues.

Canopy

canopy.flexstudio.io

A juice delivery E-Commerce site built with ruby on rails and Spree. This had some unique challenges as the client wanted to list their juices, the clients only wanted customers to be able to deliver in multiples of six. The solution settled on was to allow 6 juices to be added individually in a Build Your Own Box option.

Ruby, Ruby on Rails, HTML5, JavaScript, PostgreSQL, SCSS, Capistrano, Passenger, Apache

Work

Frankish International

Software Engineer

Taipei, TW

July 2017 – Present

- Managing and acting as main developer on $100K+ projects.
- Conceptualizing, building, and improving the company's proprietary CMS.
- Building and maintaining several Ruby on Rails, Node.js/Express applications and APIs.
- Managing and helping teach front-end engineers in React and Vue.
- Setting up and managing MySQL, PostgreSQL, Redis, MongoDB databases.
- Breaking down client needs into technical solutions, executing said technical solutions, and then relaying results back to client in an understandable manner.
- Helping to dictate technologies used for various projects.
- Setting up production environments on Google Cloud or Linode depending on the size and scale-potential of the project.
- Learning new tech when necessary for the project.

Education

Next Academy

Software Development Certificate in Full Stack Engineering

Kuala Lumpur, Malaysia

Apr 2017

University of Kansas

Bachelor of Arts

Lawrence, KS

December 2013