PAUL MAGIONCALDA

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SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Amazon Web Services (AWS), d3.js

PROJECTS

Aperture | *(React/Redux, Ruby on Rails, PostgreSQL, Amazon Web Services)*   **live** | **github**

- A near picture perfect clone of ***500px***. A website designed to help photographers grow and promote business.
  - Leveraged React components and Redux state to render photos in an Instagram style gallery feed.
  - Utilized Amazon Web Services (S3) to store user images, reducing server load and improving scalability.
  - Anchored Ruby on Rails with PostgreSQL for RESTful HTTP processes that allow users to create and retrieve photos asynchronously.

StockRocket | *(JavaScript, d3.js, **IEX Cloud Api**)*   **live** | **github**

- Financial charting application to assist in locating patterns and anomalies in stocks over various timeframes.
  - Deployed IEX Cloud API alongside axios requests to retrieve key data points allowing the retrieval of json data that could be manipulated into an entry point algorithm.
  - Designed an algorithm that leverages financial information to create unique data points for day traders to isolate the best entry positions or buying points in the stock market based on day of the week over various time frames.
  - Deployed collective data into user friendly bar charts via D3 by appending data to the document object model for real-time updated visualizations.

Headshots | *(MongoDB, Express, React, Node, Mongoose)*   **live** | **github**

- Photographer portfolio and booking application.
  - Utilized MongoDb to allow clients to schedule and store appointments in a flexible database for scalability.
  - Deployed Axios requests via contact form to Node Mailer module to allow contact form requests to be sent to admins personal email.
  - Leveraged Mongoose to manage relationships between data in a schema-less NoSQL document database.

EXPERIENCE

Freelance Software Engineer

Various Platforms   Nov 2018 - Present
  - Designed and developed web applications on multiple platforms.
  - Programmed web solutions using React, Javascript, Ruby, Ruby on Rails, AWS, and a variety of databases.
  - Met deadlines and exceeded client expectations.
  - Supplied documentation and offered technical support for admin users.

Laborer

Local 1298 Heavy Road Construction   Oct 2011 - Jan 2020
  - Coordinated trucks and communicated with teams of drivers in order to create a safe and efficient work environment while consistently meeting deadlines.
  - Organized and prepared job sites for materials (concrete, asphalt, etc.)
  - Executed construction tasks safely under strict deadlines, often in potentially dangerous, high volume traffic.

Owner / Creative Director / Photographer

One Aternity   Oct 2012 - Present
  - Built long term client relationships on multiple platforms by networking and transcending client expectations.
  - Knowledge and experience developing strategies, marketing and managing day-of activities at trade shows.
  - Created innovative ways using artistic marketing to increase sales and retain future client services.

- Handled all aspects of post production including editing images via Adobe Lightroom and Photoshop.
- Leveraged extensive knowledge of photography and New York City art scene to identify a need and create a high demand service that catered to both tourists and locals, weaving each together seamlessly.

Art Tours
Airbnb *experience host*   March 2017 - Present
- 60+ 5 Star Reviews.
- Promoted and coordinated group tours each weekend in Brooklyn.
- Ensured large groups meeting for the first time had a safe, enjoyable atmosphere to meet locals and world travelers alike.

EDUCATION
App Academy - Fully immersive, *16 week, +*1,000 hour coding bootcamp.
Highly selective web development course with 3% acceptance rate. 2020