Steve Martin Fanega II

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Experiences

Web Developer   *Fanega Web Development (Freelancing), Chicago IL*   **Jul 2020 – Present**

- Develop, design, test, and maintain headless WordPress websites using Gatsby.js and Next.js.
- Improve website speed and SEO score by replacing dynamic content (server-side rendering) with static site generators.
- Implement GraphQL APIs to reduce load time when accessing data from internal and external APIs.

PHP Developer   *Dealer eProcess, Lisle IL*   **Oct 2019 – Mar 2020**

- Maintained and troubleshot jQuery APIs to retrieve new forms of JSON from external APIs.
- Standardized the company's PHP procedural code to their object-oriented programming environment while following PHP-FIG guidelines.
- Developed mockups by coding and testing the mockup's corresponding models, views, and controllers.
- Implemented solutions to user reported issues and requests.

Assistant Web Developer   *North Central College, Naperville IL*   **Feb 2018 – Mar 2019**

- Developed and troubleshot registration form blocks for the Graduate Programs.
- Standardized the college's library website to their Drupal environment.
- Taught and guided staff members on how to use the CMS feature to develop their department pages.
- Aided in debugging pages and features developed by other members of the Web Development team.

Education

Bachelor of Science   *North Central College, Naperville IL*   **Sep 2019 – Jun 2019**

- **Major:** Computer Science
- **Minor:** Mathematics

Projects

Stock Predictor

https://stock-predictor-fwd.netlify.app/

- Developed a Stock Predictor utilizing tools in three different languages: Python, PHP and JavaScript.
- Wrote a Python script that retrieves stock data from yFinance library, uses sklearn (scikit-learn) library to predict stock data, and sends the prediction data to a Laravel API Endpoint.
- Coded the Laravel API Endpoint with middleware authentication to ensure only verified users can POST/PUT requests but allows any user to GET stock data.
- Designed and developed a frontend application using Next.js to retrieve stock data from the Laravel API Endpoint and display a line chart using Chart.js. Utilized Netlify's _redirect method to allow non-HTTPS APIs to be fetched from.

Fanega Web Development

https://fanegawebsites.com

- Developed my freelancing company's website with a headless CMS using WordPress as the backend, and Gatsby.js as the frontend. GraphQL API handled retrieving data from WordPress to Gatsby.js.
- Utilized Gatsby.js' static site generator and GraphQL API to increase the speed of load times.