Anthony Rodriguez

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Experience

Full Stack Developer, Freelance – Remote   **June 2016 – Present**
- Developed and deployed specialized APIs that automate trend analysis and niche saturation insights for print-on-demand platforms, enabling clients to make data-driven decisions and optimize their product offerings.
- Integrated custom GPT models to enable advanced task automation, enhancing application capabilities beyond native functionality.
- Developed specialized APIs to automate analysis of trends in popular media and niche saturation for print-on-demand platforms, providing valuable insights to clients.
- Designed and implemented secure, scalable, and efficient deployment processes using Ubuntu, Nginx, Gunicorn, and SSL encryption, ensuring high performance and user trust across all applications.

Technical Advisor, Tempo Storm – Remote   **June 2020 – May 2022**
- Conducted comprehensive assessments of existing technology infrastructure, processes, and systems to identify areas for optimization and propose impactful improvements.
- Analyzed successful video game monetization structures and industry best practices to implement profitable strategies for new game launch.
- Provided strategic technical guidance to the web development team for creation and launch of The Bazaar website, contributing to successful release.

Web Application Developer, UCF CDL – Orlando, FL   **November 2016 – June 2020**
- Developed web applications using AngularJS, React, Node.js to enhance college students' learning experience.
- Contributed to open-source projects including CanvasAPI, a Python API wrapper for Canvas LMS, which garnered 500+ stars on GitHub.
- Implemented unit tests using Jasmine and PhantomJS, ensuring 100% application reliability.

Projects

Nursing Space Simulator   **github.com/ucfopen/nursing-space-simulator-materia-widget**
- Implemented Redux actions and reducers to efficiently manage 3D grid state, enabling seamless asset manipulation and optimized user interaction.
- Developed intuitive camera controls and position management using Redux, empowering users to navigate 3D space effortlessly in both first-person and third-person views.

POD Analyzer   **github.com/AnthonyRodriguez726/redbubblehelper**
- Developed a comprehensive web application integrating a custom API with GPT-4, automating tasks and delivering actionable insights to print-on-demand store owners.
- Leveraged Python, Flask, and SQLAlchemy to create a scalable and efficient backend, facilitating seamless data retrieval, analysis, and storage.
- Deployed the application using Docker, Nginx, and Gunicorn, ensuring scalability, reliability, and ease of maintenance.

Twitch Clip Organizer   **github.com/AnthonyRodriguez726/Twitch-Clip-Organizer**
- Developed a Google Apps Script that automates Twitch clip management tasks in Google Sheets, saving users 5+ hours per week.
- Utilized Twitch API and regular expressions to enable efficient clip analysis, categorization, and formatting.

Education

University of Central Florida, Computer Science   **2016-2020**

Skills

Languages: JavaScript, TypeScript, Python, PHP, Ruby, HTML, CSS
Frameworks/Libraries: React, Vue.js, Node.js, jQuery, AngularJS, Express.js, Flask, Bootstrap, Foundation
Databases: MySQL, PostgreSQL
Tools: Git, Docker, Nginx, Apache, GraphQL, Gunicorn, AWS, Google Apps Script, phpMyAdmin
DevOps: CI/CD, Containerization, REST APIs, Web3