Pedro Lopes

Full Stack Developer

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Recent Projects

Auction System
Tailwind, Nginx**,** Laravel 9, Livewire, MariaDB
Sept 2020 // Project Lead

Contributed to the design and development of an Auction Flex inspired auction platform, implementing robust core functionalities, optimizing database queries, seamlessly integrating with WordPress using custom PHP and JavaScript via a Laravel API, and enhancing overall functionality through innovative analytical report designs.

Relevant Experience

Full-Stack Developer @ Triple Helix Corporation
April 2021 - Present // East Hartford, CT (Remote)

Spearheaded innovative digital solutions, balancing elegant front-end design with robust back-end structures. Working remotely, I collaborated seamlessly with diverse teams, consistently optimizing web applications for peak performance. My commitment to staying updated with the latest trends ensured our projects always had a competitive edge.

Other notable projects:

› **ERP Reporting Portal |** Constructed a comprehensive reporting portal for representatives to monitor inventory, seamlessly integrated with the Made2Manage database, featuring quote request capabilities and an added shopping cart functionality.

› **Assessment Portal |** Engineered an assessment portal crafting an interactive dashboard with dynamic data visualizations, facilitating user-managed assessments, and offering real-time data analytics.

› **ERP Manufacturing Portal |** Directed the end-to-end development of a manufacturing platform integrated with MAX database, introducing features for inventory management, order tracking, and supply chain optimization, while emphasizing user-centricity with intuitive UI/UX design and deploying analytical reports to bolster productivity.

Full-Stack Developer (Freelancer)
Aug 2020 – March 2021 // Houston, TX

› Independently navigated the dynamic world of freelance, delivering bespoke digital solutions tailored to diverse client needs. From conceptualizing visually appealing front-end interfaces to ensuring back-end efficiency, I consistently met project timelines and client expectations.

Full-Stack Developer @ Parksonic
Aug 2016 - Aug 2020 // Houston, TX

› Developed a holistic mobility management system using the React framework, incorporating features like real-time space monitoring, route optimization, vehicle tracking, and technician dispatching to enhance operational efficiency for the company.

Skills

Frontend
Vue, React, Blade Templates, Tailwind CSS, Alpine.js, Livewire

Frameworks
Laravel (6,8,9,10+), Ionic

Databases
SQLite, PostgreSQL, MySQL, MariaDB, MongoDB, Eloquent ORM

Version Control
Git, GitHub, GitLab, Gitea

Server Management
Laravel Forge, DigitalOcean, AWS, Heroku, Akamai, XAMPP, Apache2, Nginx

Design
Photoshop, Illustrator, Figma, Midjourney, Dall-E

Education

Rocketseat Bootcamp
Jun 2020 – Aug 2020 // Para, Brazil
Full-Stack Development Bootcamp

University of Houston
Aug 2010 – May 2013 // Houston, TX
Bachelor of Business Administration in Finance
Concentration in Global Energy Management

Interests

Artificial Intelligence: Passionate about exploring the latest advancements in AI, machine learning, and natural language processing.

Programming Languages & Frameworks: Continually learning new programming languages, frameworks, and libraries, with an emphasis on staying current with industry trends and expanding technical expertise.