

# Pedro Lopes

## Full Stack Developer

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### Recent Projects

#### Auction System

Tailwind, Nginx, Laravel 9, Livewire, MariaDB  
Sept 2020 // Top Contributor

Top contributor on the development of a new auction platform inspired by Auction Flex, with a requirement to integrate with WordPress and provide advanced reporting features. Leveraged technologies like Tailwind, Nginx, and Laravel 9 to design the platform, optimized database queries, and ensured seamless WordPress integration through custom PHP and JavaScript. Successfully launched a user-friendly auction platform with smooth WordPress integration and innovative reporting, driving enhanced user experience and actionable insights for decision-makers.

### 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 - Lead Developer** | Developed 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 - Lead Developer** | 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 - Lead Developer** | 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, Webpack/Babel, SCSS/Sass

#### Frameworks

Laravel (6,8,9,10+), Ionic, Node.js, Express.js, Bun

#### Testing

Jest, PHPUnit, Cypress

#### API

RESTful APIs, GraphQL

#### Databases

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

#### Version Control

Git, GitHub, GitLab, Gitea

#### CI/CD

Jenkins

#### 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  
with a Concentration in Global Energy  
Management

### Interests

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