

Mario Altagracia Jimenez

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Software Engineer with years of experience in driving the development of cutting-edge web applications. Skilled in crafting scalable architectures, enhancing performance, and implementing security measures. Leveraged React, JavaScript, Next.js, Docker, MySQL, Git, and PHP technologies to develop robust software solutions. Enhanced user retention by 87% through expertly refining UI and UX across diverse web applications. Identified market needs, designed, and integrated software solutions which helped contribute to over \$1,000,000 in annual revenue. Guided clients and companies through troubleshooting processes and provided profitable software solutions for multiple clients and previous employers.

Core Competencies

Full-Stack Application Engineering | Backend API Optimization | UI & UX Refinement | Automation Tool Utilization | API Development & Management | User Experience (UX) Design | Scalable Architecture Design | System Performance Enhancement | SDLC Process Development | A/B Testing | Troubleshooting & Issues Resolution | AWS Deployment | DevOps Management | Laravel Framework Migration | Chrome Extension Development | Web Scraping | Tooling Solutions Development | Project Management | SEO | Business Development | SaaS Development | SPA | RESTful APIs | WCAG | WAI-ARIA

Technical Skills

Frontend Development: ReactJS, Babel, Bootstrap, CSS3, ES6/ES2015, HTML5, Pug/Jade, GraphQL, JSON, XML, jQuery, SASS

Backend Development: Express.js, NodeJS, Laravel, Python, SQL, PHP, MySQL, Oracle Database

Web Tools & Platforms: Next.js, Firebase, Shopify, Drupal, Google Cloud Platform

Package managers and Bundlers, npm, yarn, webpack

Container based development: Docker

Project Management and Productivity Tools: Slack, Asana, Trello, Jira

Documentation: Notion, Swagger UI

Hosting & Deployment: AWS, Cloudflare, Vercel, Heroku, Kinsta

CI/CD: TravisCI, CircleCI, Jenkins

Version Control: Git

Methodologies: Agile, Scrum

Professional Experience

Socially Elite Pro

Mar 2023 – Present

Senior Software Engineer

Remote

- Developed software life cycle (SDLC) processes covering planning, analysis, design, development, testing, deployment, and maintenance for various projects. Maintained the health and quality of all code architectures across the entire company portfolio. Created reusable web components for each of the startups' web services
- Mastered container application management using Docker, DDEV, and Kubernetes and streamlined deployment, maintenance, and scalability for enhanced project outcomes.
- Elevated system performance and scalability by fixing technical issues in the customer portal, enhancing business operations and client satisfaction.
- Engineered fully functional applications from inception to launch, encompassing conceptualization, design, coding, testing, and implementation phases.
- Revamped visual aesthetics and user experience (UX) design for key progressive web applications (PWAs) across the company's diverse software portfolio.
- Utilized A/B testing to optimize layouts, color schemes, typography, and usability, which increased user engagement and improved customer conversion rates.
- Delivered comprehensive training programs for Junior Full-Stack Developers, while conducting design reviews and engaging in engineering discussions, meetings, and forums with all team members.

Volunteer Work

Austin Public Library ([Link](#))

Oct 2023 – Present

Software Engineer

Austin, TX

- Optimizing the deployment and maintenance of containerized applications using Docker, DDEV, and Kubernetes for a diverse range of products inside the library's web service, which include private meeting rooms, books, magazines, audiobooks, art galleries, research facilities, streaming media, and recycling services.
- Implementing database optimizations to ensure efficient management for extensive library collections a public services available for the Austin Public Library.
- Contributing to the improvement and expansion of a State-owned, government-sponsored platform, catering to millions of daily users across Austin, its surrounding cities, throughout the State of Texas, and other states across the United States of America.

Open Austin – Civic hacking group ([Link](#))

Jun 2018 – Oct 2023

Software Engineer

Austin, TX

- Utilized automation tools within Vercel's cloud platform while also using CD/CI pipelines to guarantee web application update rollouts with minimal disruption.
- Served a monthly user base of 250,000 site visitors by collaborating with a distributed, hybrid remote engineering team to develop a web app tailored for civic engineering and public services across the City of Austin.
- Enhanced user engagement by 80% through cohesive use of web technologies including HTML5, CSS3, ReactJS, Vercel, Next.js and TailwindCSS, in partnership with the design team.
- Created modular and reusable web components and documentation for future civic hacking ventures within Open Austin's volunteer civic hacking group.

Code for America – Civic hacking group ([Link](#)) ([GitHub](#))

Nov 2016 – Jun 2017

Junior Software Developer

Durham, NC

- Led the development, UI/UX design, and code refinement for Adopt a Drain, a platform enabling citizens to "adopt" storm drains in Durham, NC.
- Collaborated closely with a compact engineering team to deliver a government web application ahead of schedule.
- Played a pivotal role in debugging errors and deployment issues, while addressing UI-related challenges.
- Utilized a tech stack including Ruby on Rails, Docker, Python, and HTML5/CSS3 for web app development

Key Projects

APIplaza – SaaS web platform ([Link](#))

Software Engineer

- Oversaw the full development of a RESTful API distribution platform within RapidAPI's network, encompassing multiple data endpoints spanning sporting events, historical data, and global government data.
- Crafted RESTful APIs with NodeJS framework, forming an integral part of a high-volume network while maintaining manageable code complexity.
- Crafted compelling product listings and fostered community engagement to establish the SaaS platform's presence on ProductHunt and multiple Social media platforms.
- Delivered a remarkable 75% surge in digital marketing engagement rate and user interaction through targeted digital marketing campaigns and user-friendly interface enhancements.
- Optimized functionality using Heroku's platform by employing Node.js and Express.js to integrate API services.
- Designed and tested customer-facing APIs with detailed documentation to facilitate user experiences.

Petwarez Inc. – E-commerce store offering pet supplies ([Link](#))

Software Engineer

- Ensured uninterrupted operation of a secure and dependable web-based e-commerce platform that offers pet supplies, healthcare for pets, and pet toys with zero website downtime.
- Oversaw product inventories, and optimized replenishment strategies to support store operations.
- Delivered exceptional customer service, promptly addressing inquiries and effectively resolving issues to guarantee customer satisfaction and drive sales growth.

Education

Universidad del Sagrado Corazón

Aug 2011 – Jun 2016

Bachelor of Arts in Advertising

San Juan, Puerto Rico

Certificates

Get started with Bootstrap how to make websites from scratch

Udemy

How to Write a Business Plan Like a Venture Capitalist

Udemy

Languages

Spanish

(Fluent)

English

(Fluent)