

Mario Altagracia Jimenez

Austin, TX | 512-777-0354 | [Portfolio](#) | [Twitter/X](#) | Jimenez@outlook.com | [linkedin.com/in/mariojimenez1](https://www.linkedin.com/in/mariojimenez1) | [Github](#) | [Tech Blog](#)

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: JavaScript, Bootstrap, CSS3, HTML5, JSON, Tailwind CSS, jQuery, SASS, Typescript
Backend Development: Express.js, Node.js, Laravel, Python, SQL, PHP, MySQL, Oracle Database, GraphQL, Go
Web Development Frameworks and Tools: React.js, Next.js, Firebase, Shopify, Drupal, Google Cloud Platform, Remix, Django
Systems Programming: Rust
Package Managers and Bundlers, npm, yarn, webpack
Container Based Development: Docker, Conda, PyEnv
Project Management and Productivity Tools: Slack, Asana, Trello, Jira
Documentation: Notion, Swagger UI
Hosting and 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

Software Engineer

Remote

- Engineering software development lifecycle (SDLC) processes encompassing planning, design, testing, deployment, and maintenance for various projects and applications. Creating reusable web components for each of the startups' web services
- Elevating system performance and scalability by fixing technical issues in the customer portal, enhancing business operations and client satisfaction, while improving system design and code architecture by 97%.
- Revamped visual aesthetics and UX/UI design for key progressive web applications (PWAs) across the company's diverse software portfolio. Improving user interaction with the company website by 87%.
- Utilizing A/B testing to optimize layouts, color schemes, typography, and usability, improved user engagement and customer conversion rates by 125%.
- Created comprehensive documentation guides for coworkers and company clients, while conducting design reviews and engaging in engineering discussions, agile meetings, live chats with multiple company clients and employees.
- Keywords: JavaScript, Git, Node.js, AWS, SQL, MySQL, Laravel, PHP, jQuery, Oracle Database, Slack, HTML5, CSS3.

Self Employed

Jan 2021 – Mar 2023

Freelance Software Developer

Remote

- Migrated legacy websites to modern code architectures. Improving site performance for clients by 35%
- Developed scalable web platforms for clients using modern development tools, with improved user engagement rates of 40%
- Consulted clients to understand their technical requirements and business challenges. Increased operational efficiency for their products and web applications by 75%
- Presented technical concepts to non-technical stakeholders with easy to access documentation guides for all their products
- Keywords: JavaScript, Wordpress, HTML5, Shopify, RESTful APIs, React, Git, Node.js, Slack, CSS3, Python, Django.

Volunteer Work

Austin Public Library

Oct 2023 – Present

Software Engineer

Austin, TX

- Optimizing the deployment and maintenance of containerized PWA web applications using Docker and DDEV, for a diverse range of products inside the library's web service, which include private meeting rooms and other library services.
- Implementing database optimizations to ensure efficient query management for extensive library collections
- Contributing to the improvement and expansion of a State-owned, government-sponsored platform, catering to millions of daily users across Austin and its surrounding cities
- Keywords: JavaScript, React, Remix, TailwindCSS, Git, Node.js, Typescript, Docker, Slack, webpack.

Open Austin

Jun 2018 – Oct 2023

Software Engineer

Austin, TX

- Utilized automation tools within Next.js and Vercel's cloud platform, while using CD/CI pipelines to guarantee scheduled web application update rollouts with minimal disruption.
- Developed a PWA web application focused on volunteer engineering and civic hacking projects that served a monthly user base of 250,000 site visitors. Collaborated with a distributed, hybrid remote engineering team.
- 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 and project contributors within Open Austin's volunteer civic hacking group.
- Keywords: JavaScript, Next.js, React, Git, Node.js, Typescript, Slack, HTML5, CSS3.

Code for America

Nov 2016 – Jun 2017

Junior Software Developer

Durham, NC

- Led the development, UI/UX design, and code refinement for Adopt a Drain, a web application focused on enabling citizens to adopt storm drains inside the city of Durham, North Carolina.
- 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 multiple UX/UI related challenges.
- Keywords: JavaScript, Python, Ruby on Rails, CSS3, Git, PostgreSQL, HTML5, Heroku, Docker.

Startup Projects

APIplaza

Jan 2022 – Dec 2024

Software Engineer

Remote

- Oversaw the full development of a SaaS platform focused on offering RESTful APIs to developers and companies within RapidAPI's network, encompassing multiple API endpoints spanning sporting events, historical data, and government data.
- Crafted RESTful APIs within node.js' JavaScript framework, forming an integral part of a high-volume API network while maintaining manageable code complexity.
- Executed compelling product listings marketing campaigns and fostered community engagement to establish the SaaS platform's presence on ProductHunt, LinkedIn and multiple Social media platforms.
- Achieved a remarkable 75% surge from digital marketing engagement rates and user interaction through targeted digital marketing campaigns and API endpoints enhancements.
- Designed and tested multiple customer-facing API endpoints with detailed documentation to facilitate user experiences.
- Keywords: JavaScript, Express.js, Node.js, Heroku, RestAPI, HTTP protocols, SwaggerUI.

Petwarez Inc.

Jan 2022 – Nov 2024

Software Engineer

Remote

- Ensured the uninterrupted operation of a secure and dependable web-based e-commerce platform that offers pet supplies, healthcare products for animals, and pet toys with 0% website downtime.
- Oversaw entire product inventories, and optimized vendor and distributor strategies to support constant store operations.
- Delivered exceptional customer service, promptly addressing product inquiries and effectively resolved product listing issues, while guaranteeing constant customer and client satisfaction.
- Keywords: JavaScript, HTML5, CSS3, copywriting, digital marketing, Stripe, Google Pay, Apple Pay, Paypal.

Education

Universidad del Sagrado Corazón

Aug 2011 – Jun 2016

Bachelor of Arts in Advertising

San Juan, Puerto Rico