

Mario Villacreses

Professional Experience

Senior Software Engineer | GoDaddy.com

2022 – 2024

- Successfully optimized inventory device metadata caching architecture, resulting in a 50% reduction in storage costs through proposing alternative setups and successfully piloting the new architecture with the team.
- Enhanced efficiency by reducing CI/CD build time from 31 to 11 minutes, through optimization of Docker container build times in GitHub Actions.
- Streamlined development processes by minimizing the number of sprints needed to create new user roles from 4 to 1, achieved by modifying the user authorization flow of a team-owned product.
- Empowered customers to switch between feature bundles and subscription tiers by seamlessly integrating data from multiple APIs and guaranteeing data consistency across servers and databases.
- Reengineered the pricing fee architecture to give customers the freedom to set their own custom transaction costs for their credit card terminals.

Software Engineer | Meta Platforms (Facebook)

2021 – 2022

- Improved user experience and boosted customer retention by 36% through the successful upgrade of the Metric Catalog front-end codebase.
- Effectively facilitated discussions between graphic designers, UX engineers, and project managers, contributing to the approval of user-facing feature proposals.
- Mentored interns on best practices for internal tooling, coding, debugging, and documentation, fostering a culture of learning.
- Enhanced backend reliability of Metric Authoring API, resulting in a 20% reduction in latency issues and improved overall performance.

Software Developer | doc.ai

2020 – 2020

- Headed development of UI Library for company's new flagship app, resulting in a 60% decrease in development time for new evolving features and integrations.
- Created real-time geographic visualization of COVID-19 outbreak, increasing brand awareness by 200%.

Full Stack Engineer | Knowva Academy

2018 – 2020

- Re-factored existing codebase to the latest standards and optimized for scalability, reducing non-business front-end code by 80% and improving page load by 300ms.
- Collaborated with cloud architect to build administrative tools to streamline customer management, recruiting, and real-time analytics.

Contact Information

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Skills

Programming Languages

Javascript (ES6), HTML, CSS, Typescript, Python, Hack (PHP)

Libraries & Frameworks

React, Redux, Node.js, Next.js, Express, GraphQL, React Native, Ember, Tailwind

Databases

MongoDB, PostgreSQL, MySQL, Neo4j, Elasticsearch

Tools & Platforms

GitHub Actions, Mercurial, Jira, Amazon Web Services (S3, ECS), Linux, Webpack, Netlify, Retool, Cypress

Education

Fullstack Academy

Full-time software engineering immersive, specializing in web development

CUNY Queens College

Bachelor of Arts in Applied Mathematics, with Computer Science concentration