

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.
- 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.
- **Tech used:** *Javascript, Ember.js, Typescript, MySQL, AWS ECS, Github Actions, Docker, Express.js, Next.js, React, Tailwind*

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.
- **Tech used:** *Javascript, GraphQL, Python, PHP/Hack*

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%.
- **Tech used:** *React Native, Typescript, Redux, hapi.js, Express.js, styled components*

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.
- **Tech used:** *Javascript, React, Redux, MongoDB, GraphQL, Express.js, Sass, AWS S3*

Contact Information

MarioVillacreses@outlook.com

linkedin.com/in/villacreses

github.com/villacreses

MarioVillacreses.com

929-247-7081

Skills

Frontend

Javascript, React, Redux, Node JS, HTML, CSS, Ember, Tailwind, Sass, Next JS, React Native, Webpack

Backend

Typescript, Python, Hack (PHP), Express JS, GraphQL

Databases

MongoDB, PostgreSQL, MySQL, Neo4j, Elasticsearch

Tools & Platforms

GitHub Actions, Mercurial, Jira, AWS S3, AWS ECS, Linux, Netlify, Vercel, 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