

Mario Villacreses

New York City, NY

Work Experience

Senior Software Engineer | GoDaddy.com

Remote (New York, NY)

Nov 2022 – Present

- Reduced storage costs of inventory device metadata caching by 50% by proposing alternative architecture setups and piloting the new architecture with the team.
- Reduced CI/CD build time by 20 minutes from 31 to 11 minutes by optimizing the build times of the Docker containers in Github Actions.
- Reduced the number of sprints required to complete the creation of new user roles from 4 to 1 by changing the user authorization flow of a team-owned product.

Software Engineer | Meta Platforms (Facebook)

Menlo Park, CA

Aug 2021 – Aug 2022

- Upgraded Metric Catalog frontend codebase to enhance user experience and increase customer retention by 36%.
- Wrote performant code for a diverse array of client and internal projects, reducing web app latency by 1.5 seconds.
- Successfully managed conversations between graphic designers, UX engineers, and project managers on user-facing feature proposals.
- Streamlined data model versioning with atomic Hack/PHP APIs.
- Guided interns on best practices for internal tooling, coding, debugging, and documentation.
- Improved backend reliability of Metric Authoring API, resulting in a 20% decrease in latency issues.

Software Developer – Apps Team | doc.ai

Remote (Boston)

Feb 2020 – Dec 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%.
- Optimized analytics collection and metric visualization using Retool.

Full Stack Engineer | Knovva Academy

Boston, MA

Nov 2018 – Jan 2020

- Re-factored existing codebase to the latest standards and optimized for scalability, reducing non-business frontend 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

Co-Founder & Lead Developer | Socratex

Brooklyn, NY

Aug 2018 – Feb 2019

- Co-founded and led the development of a product that won 1st Place at the NY Sextech Hackathon, featured in Vice, Forbes, and Men's Health.
- Collaborated with educators and graphic designers to develop a video-based Sex Education platform.
- Attained consideration for official curriculum integration of the project within the Health Sciences coursework at select NYC high schools.

Contact

✉ MarioVillacreses@outlook.com

🏠 MarioVillacreses.com

🐙 github.com/villacreses

🌐 linkedin.com/in/villacreses

Education

Fullstack Academy

New York, NY | May 2018

Full-time software engineering immersive, specializing in web development

CUNY Queens College

Bachelor of Arts, Applied Mathematics

Flushing, NY | May 2016

Bachelor of Arts in Applied Mathematics, with a concentration in Computer Science

Skills

Programming Languages

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

Libraries & Frameworks

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

Databases

MongoDB, PostgreSQL, MySQL, Neo4j

Tools & Platforms

GitHub, Mercurial, Jira, Amazon Web Services (S3), Google Cloud Platform, Linux, Webpack, Netlify, Retool