Mario Villacreses

New York City, NY

Contact

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🏠 MarioVillacreses.com

 github.com/villacreses

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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 Computer Science concentration

Skills

Programming Languages

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

Libraries & Frameworks

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

Databases

MongoDB, PostgreSQL, MySQL, Neo4j, Elasticsearch

Tools & Platforms

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

Last updated: Feb 2024

Work Experience

Senior Software Engineer | GoDaddy.com

Remote (New York, NY)   Nov 2022 – Present

- Cut down inventory device metadata caching storage costs by half through innovative architecture design and successful pilot testing with the team.
- Slashed CI/CD build time by over 60% from 31 to 11 minutes by enhancing the build times of the Docker containers in Github Actions.
- Simplified legacy authentication/authorization flow, cutting down average time spent creating new user roles from 4 sprints to 1 sprint.
- 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)

Menlo Park, CA   Aug 2021 – Aug 2022

- Upgraded Metric Catalog frontend codebase to enhance user experience and increase customer retention by 36%.
- Successfully managed conversations between graphic designers, UX engineers, and project managers on user-facing feature proposals.
- 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, MA)   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.