Mario Villacreses

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Work Experience

Software Engineer @ Meta Platforms
Menlo Park, CA // Aug 2021 - Present

- Headed backend reliability design for metric authoring API
- Upgraded frontend codebase for metric catalog to improve user experience and customer retention
- Write modern, performant, and robust code for a diverse array of client and internal projects
- Coordinated discussions with graphic designers, UX engineers, and project managers for feature proposals
- Leveraged chron jobs to optimize metric resource management
- Streamlined data model versioning with atomic Hack APIs
- Guided interns on best practices for internal tooling, coding, debugging, and documentation

Software Developer – Apps Team @ doc.ai
Menlo Park, CA // Feb 2020 – Dec 2020

- Headed development of UI library for company's new flagship app
- Built a real-time geographic visualization of COVID-19 outbreak used heavily in marketing doc.ai
- Optimized analytics collection and metric visualization using Retool

Full Stack Engineer @ Knovva Academy
Boston, MA // Nov 2018 – Jan 2020

- Standardized UI components, reducing non-business frontend code by 80%
- 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

- 1st Place Winner at NY Sextech Hackathon, featured in Vice, Forbes, and Men's Health
- Collaborated with educators and graphic designers to develop video-based Sex Ed platform
- Project considered for official curriculum integration within select NYC high schools

Skills

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

Libraries & Frameworks
React, Redux, Node.js, Express, GraphQL, React Native

Tools & Platforms
Git, Mercurial, Jira, Amazon Web Services (S3), Google Cloud Platform, Linux, Webpack, Netlify

Databases
MongoDB, PostgreSQL, MySQL, Neo4j

Education

Fullstack Academy
New York, NY // May 2018

Full-time software engineering immersive, specializing in web development

CUNY Queens College
Flushing, NY // May 2016

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

Interests

Road cycling, running, reading, cooking, yoga