MARIO VILLACRESES

MARIOVILLACRESES.COM | GitHub: VILLACRESES | MARIOVILLACRESES@OUTLOOK.COM | SF BAY AREA

Web Technologies: Javascript, Typescript, React, Redux, HTML5, CSS3, SASS, jQuery
Languages & Frameworks: Python, Node.js, Express, GraphQL, Java, React Native
Developer Tools: Git, Mercurial, Jira, Amazon Web Services (S3), Google Cloud Platform, Linux
Databases: MongoDB, PostgreSQL, MySQL, Neo4j

WORK EXPERIENCE

META PLATFORMS | Menlo Park, CA
Software Engineer, Aug 2021 – Present

- Headed backend reliability design for metric authoring API
- Upgraded frontend codebase for metric catalog to improve user experience and customer retention
- 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

DOC.AI | Menlo Park, CA
Software Developer – Apps Team, 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

KNOVVA ACADEMY | Boston, MA
Full Stack Developer, 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

SOCRATEX | Brooklyn, NY
Co-founder and Lead Developer, 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

EDUCATION

FULLSTACK ACADEMY OF CODE | New York, NY | May 2018
Full-time software engineering immersive, specializing in web development with full-stack Javascript

CUNY QUEENS COLLEGE | Queens, NY | May 2016
Bachelor of Arts in Applied Mathematics, with a concentration in Computer Science

- Relevant classes: Algorithms, OOP in Java, OOP in C++, Data Structures, Computer Organization & Assembly Language, Linear Programming, Nonlinear Programming, Probability & Statistics