Mario Villacreses

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Professional Experience

Data Annotator – Freelance | Self-employed   2024 – Present
- Carried out high-quality data labeling to train machine learning models and enhance AI systems.
- Conducted quality assurance checks for annotated code and mathematical data, verifying and correcting errors.
- Effectively manage a self-directed work schedule, balancing multiple projects to consistently meet deadlines.
- Maintained confidentiality and handled data securely in compliance with privacy guidelines.

Senior Software Engineer | GoDaddy.com   2022 – 2024
- Optimized inventory device metadata caching architecture, reducing storage costs by 16%.
- Reduced average Docker container build times from 31 to 18 minutes.
- Integrated data from multiple APIs to empower customers to switch between feature bundles and subscription tiers.
- Reengineered pricing fee architecture, allowing customers to set custom transaction costs for credit card terminals.
- **Tech used:** Javascript, Ember.js, Typescript, MySQL, AWS ECS, Github Actions, Docker, Express.js, Next.js, React, Tailwind, Elasticsearch

Software Engineer | Meta Platforms (Facebook)   2021 –2022
- Facilitated discussions between graphic designers, UX engineers, and project managers, leading to the approval and implementation of numerous critical UI/UX improvements.
- Led system reliability design for Metric Authoring API, reducing latency issues by 20%. High trust allowed teams to convert from legacy metric management environments
- Upgraded frontend codebase for the metric catalog, improving user experience and customer retention.
- Mentored interns on best practices for internal tooling, debugging, communication, and documentation.
- **Tech used:** Javascript, GraphQL, Python, PHP/Hack

Software Developer | doc.ai   2020 – 2020
- Headed development of UI Library for company's new flagship app, decreasing development time for new features by 60%.
- Created a real-time geographic visualization of the COVID-19 outbreak, increasing brand awareness by 200%
- Streamlined analytics collection and metric visualization using Retool.
- **Tech used:** React Native, Typescript, Redux, hapi.js, Express.js, CSS, styled components

Full Stack Engineer | Knovva Academy   2018 – 2020
- Refactored the existing codebase to the latest standards, reducing non-business front-end code by over 50% and improving page load by 300ms.
- Collaborated with a cloud architect to build administrative tools for customer management, recruiting, and real-time analytics.
- **Tech used:** Javascript, React, Redux, MongoDB, GraphQL, Express.js, SCSS, AWS S3

Education

Bachelor of Arts - Applied Mathematics | CUNY Queens College
- Concentrations in Computer Science and Operations Research

Fullstack Academy of Code
- Full-time software engineering immersive, specializing in web development with full-stack Javascript

Skills

- **Frontend:** Javascript, Typescript, React, Redux, Node.js, HTML, CSS, Ember, Tailwind, Sass, Next.js, React Native, Webpack, Cypress
- **Backend:** Python, Hack (PHP), Express.js, GraphQL, MongoDB, PostgreSQL, MySQL, Neo4j, Elasticsearch
- **Tools & Platforms:** GitHub Actions, Mercurial, Jira, Amazon Web Services, Linux, Netlify, Vercel, Retool