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
- Successfully optimized inventory device metadata caching architecture, resulting in a 16% reduction in storage costs through proposing alternative setups and successfully piloting the new architecture with the team.
- Enhanced efficiency by reducing CI/CD build time from 31 to 18 minutes, through optimization of Docker container build times in GitHub Actions.
- 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.
- **Tech used:** Javascript, Ember.js, Typescript, MySQL, AWS ECS, Github Actions, Docker, Express.js, Next.js, React, Tailwind, Elasticsearch

Software Engineer – Contract | Meta Platforms (Facebook)   2021 –2022
- Effectively facilitated discussions between graphic designers, UX engineers, and project managers, contributing to the approval of user-facing feature proposals.
- Headed system reliability design for Metric Authoring API, resulting in a 20% reduction in latency issues and improved overall performance. High trust allowed teams to convert from legacy metric management environments
- Upgraded frontend codebase for metric catalog to improve user experience and customer retention
- Mentored interns on best practices for internal tooling, debugging, communication, and documentation, fostering a culture of learning.
- **Tech used:** Javascript, GraphQL, Python, PHP/Hack

Software Developer | doc.ai   2020 – 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%.
- 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
- Re-factored existing codebase to the latest standards and optimized for scalability, reducing non-business front-end code by over 50% and improving page load by 300ms.
- Collaborated with cloud architect to build administrative tools to streamline customer management, recruiting, and real-time analytics.
- **Tech used:** Javascript, React, Redux, MongoDB, GraphQL, Express.js, SCSS, AWS S3

Education

Fullstack Academy of Code   2018
- Full-time software engineering immersive, specializing in web development with full-stack Javascript

Bachelor of Arts - Applied Mathematics | CUNY Queens College   2016
- Concentrations in Computer Science and Operations Research

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