Christopher Demaio

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Software Developer | 7+ Years of Experience in Software Engineering & Front-End Development

Experience

Professional Software Developer | **DXC Technology** - *Tampa, FL* | **2020 – 2025**

- Engineered and deployed a highly-available learning management system using Vue.js, React.js, and Node.js, supporting over 500,000 active users with a track record of 99.9% uptime.
- Transformed the core user experience by refactoring the web application to support seamless cross-device compatibility, filling a critical product gap. This included engineering and launching new offline services that allowed users to save and view content, directly improving user satisfaction and long-term engagement.
- Optimized the user experience and accessibility of the Vue application by creating a remediation plan informed by Lighthouse audits, increasing the overall a11y score by 72% (from 55 to 95).
- Coordinated with backend teams to define and integrate new APIs using Postman, enabling new features that increased user retention by 45%.
- Implemented an automated end-to-end testing suite with Cypress, boosting overall code coverage to 75% and reducing regression bugs by 50%.

Full Stack Software Developer | **PropLogix** - *Sarasota, FL* | **2019 – 2020**

- Engineered and delivered a proprietary real estate application, managing the full software development lifecycle from discovery to deployment. The application leveraged a .NET back-end with Entity Framework, an Angular user interface, and an MSSQL database.
- Collaborated with an agile team of engineers, product managers, and QA to deliver 100% of all MVP commitments on or ahead of schedule, consistently exceeding project expectations.
- Facilitated regular syncs with global development teams to streamline workflows and delegate tasks, resulting in improved cross-functional efficiency and accelerated project timelines.
- Boosted the application's accessibility score to over 90% by leveraging Google's Material Design to create clean, modern, and re-usable components.
- Reduced front-end bugs by 40% by establishing a comprehensive testing framework using Jasmine, which significantly improved code reliability and a more stable user experience.

Data Engineer | **Mercedes Medical** - *Sarasota, FL* | **2018 – 2019**

- Engineered a scalable web crawler using Node.js and Puppeteer to build a comprehensive database, extracting critical information from public sources for a new product initiative.
- Designed and built a data processing pipeline with Node.js to normalize and structure raw data, improving data quality and preparing it for seamless integration into business systems.
- Partnered with leadership to translate business needs into technical solutions, automating the import and formatting of data to provide the sales team with a fresh pipeline of high-quality leads.
- This automated solution reduced manual data entry by 90%, saving the company over 200 hours per month and eliminating submission errors.

Skills

- **Languages:** JavaScript, TypeScript, C#, Python, SQL
- **Frameworks:** Vue.js, React.js, Next.js, Node.js, Angular, .NET, Entity Framework, TailwindCSS
- **Databases:** MSSQL, PostgreSQL, MySQL, Supabase
- **Tools:** Git, Docker, Jenkins, Postman, Cypress

Certifications

- Career Essentials in Software Development (Microsoft and LinkedIn)
- Career Essentials in GitHub (GitHub and LinkedIn)
- Career Essentials in Generative AI (Microsoft and LinkedIn)
- JavaScript Foundations Professional (Mozilla)
- Microsoft Copilot for Productivity (Microsoft and LinkedIn)
- Microsoft Security Essentials (Microsoft and LinkedIn)