Manuel Alvarez Zumárraga

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MA

SUMMARY

Accomplished web developer with 8 years of experience designing applications that blend functionality and aesthetics. Strong technical skills complemented by exceptional communication and collaborative attitude. As a senior developer, skilled in understanding project requirements and delivering innovative solutions to complex challenges. Passionate about creating impactful, user-friendly digital experiences.

SKILLS

- ❖ **Languages & Frameworks**: JavaScript, React.js, Vue.js, ColdFusion
- ❖ **Frontend**: HTML5, CSS3, Emotion, SASS
- ❖ **Tools & Infrastructure**: Git, Webpack, Docker, GitHub Actions
- ❖ **Backend & APIs**: SQL, Node.js, Express, GraphQL, REST
- ❖ **Methodologies & Design**: Agile, UX Design, Mobile Design, Figma
- ❖ **Other**: Bilingual (Spanish)

EDUCATION

Full Stack Software Engineer Certificate
PRIME Academy | Oct 2015 - Feb 2016
Completed an intensive 18-week coding bootcamp focusing on JavaScript and the full MEAN stack. Developed skills in teamwork, agile project management, and client interaction.

Web Coursework
MCTC | Sep 2014 - Jan 2015
Studied HTML5, CSS3, and web layouts. Specialized in UI design through in-depth web layout courses.

Bachelors of Art
University of Minnesota Twin Cities | Sep 2010 - May 2014
B.A. in Studio Arts. Gained creative skills that contribute to visually appealing UI design and engaging user experiences.

EXPERIENCE

Developer III
Western National | Jan 2024 - Current
- Integrated a new payments vendor API using Node.js, enhancing the payment processing capabilities of the platform.
- Developed a SQL layer to manage customer logins, improving authentication reliability and data integrity.

Senior Developer
Clario Inc | Mar 2022 - Dec 2023
- *UI Enhancements*: Developed a Directed Acyclic Graph (DAG)-based UI to enhance user interaction with complex data.
- **Mockups & Prototyping**: Created high-fidelity mockups in Figma to iterate and refine features quickly.
- **Tooling Upgrade:** Modernized app deployment using Docker, enhancing deployment speed. Implemented a monorepo structure with PNPM for efficient development workflows.

Teaching Assistant
University of Minnesota Bootcamp | Mar 2020 - Mar 2021
- Guided students in DOM manipulation, Git, and React.js, providing comprehensive support across key front-end technologies.

Developer III
Western National | Mar 2019 - Mar 2022
- **Client-Side Portal**: Developed a Vue.js component library, including grid systems and reusable inputs, and implemented CSS variables to create a flexible theming system for the client-side porta
- **GraphQL Integration**: Unified data retrieval across disparate systems for improved efficiency.
- **Mentoring**: Mentored junior developers, improving their understanding of application architecture and feature development.

Media Developer
Science Museum of Minnesota | May 2017 - Mar 2019
- **Interactive Kiosks**: Developed an interactive kiosk application in React.js covering mental health topics.
- **CMS for Kiosks**: Built a mini CMS using MongoDB, Node.js, and React.js for managing kiosk content.
- **Mobile Site Deployment**: Deployed Strapi CMS and React app for a mobile site.

Developer
SmartEtailing | Mar 2016 - May 2017
- **Platform Enhancements**: Debugged and updated a proprietary website building platform using T-SQL, ColdFusion, and JavaScript.
- **UI Improvements**: Enhanced CMS admin UI using Bootstrap 3, improving user experience and design.