

# Manuel Alvarez Zumárraga

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## 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

### *Senior Developer*

Clario Inc | Mar 2022 - Jan 2024

- **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.
- **Production Hotfixes:** Executed critical hotfixes for optimizing system performance.
- **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 using jQuery.
- Provided one-on-one assistance with React.js projects.
- Supported students in mastering Git version control.

### *Senior Developer*

Western National | Mar 2019 - Mar 2022

- **Client-Side Portal:** Contributed to a Vue.js component library, including grid systems and reusable inputs.
- **Theming System:** Implemented CSS variables to create a flexible theming system.
- **Strapi CMS Integration:** Integrated Strapi CMS for client portal use, enhancing content management.
- **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.