

Gerard Fierro

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Senior Front End Engineer | Senior Software Engineer

PROFESSIONAL SUMMARY

Detail-oriented Senior Front End Software Engineer with over 8 years of experience developing and maintaining web applications. Deep expertise in Vue.js, with production experience in React as well. Focused on creating reusable components, enhancing user experience, and using AI tooling (Claude, GitHub Copilot, Gemini) to raise team productivity and code quality. Experienced in Agile environments and adept at collaborating with cross-functional teams to deliver high-quality software solutions.

EDUCATION

Texas Tech University, Lubbock, TX — B.S. in Computer Science | Class of 2018 | GPA: 3.56

PROFESSIONAL EXPERIENCE

Virtana, Remote — Mexico (Independent Contractor)

Sep 7, 2026 — Present

Independent Contractor — Software Engineer

- Continuing to provide software engineering services to Virtana as an independent contractor, based in Mexico — building on the same micro-frontend and AI-tooling initiatives from my time as a full-time engineer.

Virtana, Remote (acquired Zenoss)

Apr 2025 — Aug 27, 2026

Senior Software Engineer (Full-Time Employee)

- Aided with decoupling of Zenoss UI components to support a strategic partnership with Virtana, including refactoring core product features into standalone, reusable micro-frontends.
- Led the migration to a common query criteria structure across pages that streamlined data flow between multiple APIs, optimizing application performance and reducing the codebase footprint by eliminating redundant conversion logic and edge-case errors.
- Drove adoption of AI-assisted development across the team's UI repos — transitioning from GitHub Copilot and Gemini to Claude for planning, code review, and catching edge cases earlier — and advocated for automating repetitive engineering work wherever it made sense.

Zenoss, Austin, TX

Apr 2020 — Apr 2025

Software Engineer

- Developed reusable components for an IT Monitoring Cloud application using JavaScript, Vue.js (2 & 3), Vuetify, and GraphQL.
- Refactored project structure to adhere to DRY principles, improving maintainability and scalability.
- Designed and implemented key features, including: an events page for user notifications with data visualization via graphs and pie charts; an inventory page featuring a query builder for dynamic entity retrieval with query-saving capabilities; a maintenance window page allowing admin users to schedule and visualize maintenance events; and dashboard tiles for event and metrics analysis, including filterable lists and gauge charts.
- Co-led migration from Vue.js 2 to 3, enhancing build speed and reducing bundle size by transitioning from Webpack to Vite and from Vuex to Pinia.
- Ensured code reliability through test-driven development, achieving a minimum of 60% coverage per component using Vue Test Utils, Chai, and Mocha.
- Assisted by mentoring junior developers with learning our codebase, company best practices, implementing new features, and pair programming.

Clutch Analytics, Austin, TX

Jul 2019 — Mar 2020

Software Engineer

- Developed reusable components for a multi-state insurance web application using React.js.
- Collaborated on both frontend and backend development using JavaScript (ES6), HTML5, CSS3, jQuery, Node.js, Express, Mongoose, and MongoDB.
- Created and documented RESTful APIs using OpenAPI (Swagger).

Clutch Analytics, Austin, TX

Jul 2018 — Jul 2019

Junior Software Developer

- Collaborated with a team of 5–7 developers on a multi-state insurance web app, utilizing Git for version control.
- Improved existing JavaScript code performance, readability, and optimization.
- Contributed to frontend development with ES6, React.js, CSS3, HTML5, Express.js, and MongoDB in an Agile environment.

TECHNICAL SKILLS

Proficient: HTML5, CSS3, JavaScript (Vanilla, ES6), Vue.js (2, 3), Vuex, Pinia, GraphQL, Git, Agile methodologies

Comfortable in production: React, Redux, MongoDB, Go

AI-assisted development: Claude, GitHub Copilot, Gemini