

Roger Sandoval
Phone: 210-540-6838
San Antonio, Texas 78217
rogelio.g.sandoval@gmail.com

Software Engineer with 6+ years of experience developing responsive, user-focused web applications using modern frontend technologies and cloud services. Integrates AI-assisted tools into daily development workflows to improve productivity, enhance code quality, and accelerate delivery. Experienced in building secure, scalable solutions with a strong foundation in UI/UX and software architecture.

Summary of Qualifications

- UI/UX-focused software engineer contributing to large-scale enterprise platforms used by thousands of users; using **AI tools like Claude Code and Cursor** to ship secure, high-quality features faster in Agile environments.
- Experienced in **building enterprise-grade applications** with emphasis on performance, accessibility, and user experience across large, diverse user bases.
- Modernized legacy dependencies to eliminate security risks and improve application stability and maintainability.
- Implemented accessible UI components aligned with **WCAG 2.1 standards**.
- Built and launched SaaS products from concept to market.

Technical Proficiencies

- **AI Tools:** Claude Code, Cursor, OpenAI Codex, GitHub Copilot
- **Frontend:** Angular (v8–v21), TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind, Bootstrap, RxJS, PrimeNG, Angular Signals
- **Backend & APIs:** Firebase (Authentication, Firestore, Storage, Hosting), REST APIs, Node.js, PostgreSQL, Redis
- **UI/UX & Design:** Figma, Sketch, Adobe Photoshop, Canva, Responsive Design, Accessibility, Wireframing, Prototyping, Mobile-First Design
- **Tools & Workflow:** Git, GitHub, Azure DevOps, VS Code, Docker, Agile Development, CI/CD, Documentation
- **Additional Experience:** React, Next.js, Vue.js, Svelte, Python, Java, C#

Professional Experience

Full-Stack Developer (February 2026 – Present)

Irys Technologies

San Antonio, Texas

- Built secure full-stack solutions for the U.S. Air Force FOIA program, improving request management workflows and reducing manual processing overhead.
- Utilizing AI-assisted development tools to accelerate software delivery, enhance code quality, and streamline secured CI/CD operations.
- Engineered a custom document redaction platform using Python, enabling secure and scalable processing of sensitive government records.

- Mentored computer science interns through the design and development of software projects.

User Interface Engineer (November 2024 – October 2025)

UPMC Healthcare System

Pittsburgh, Pennsylvania

- Engineered and optimized frontend features for a large-scale internal CRM platform, improving performance, scalability, and user efficiency.
- Resolved 100+ security and dependency issues, improving system stability and reducing operational risk while saving over \$100K in external tooling costs.
- Collaborated cross-functionally using Azure DevOps, CI/CD pipelines, and Agile practices to align engineering output with business goals.
- Refactored and modernized Angular applications (v8–v19) for maintainability.

Front-End / Angular Developer (April 2023 – June 2024)

GovWorks, LLC

Miami, Florida

- Migrated legacy AngularJS applications to Angular 17+, improving performance, scalability, and user engagement.
- Developed secure frontend solutions for high-traffic applications.
- Translated complex UI/UX designs into production-ready, maintainable code.

Freelance Web Developer (June 2022 – April 2023)

AR Development

San Antonio, Texas

- Designed and developed responsive websites and full CRUD web applications for small businesses using modern web technologies (AI tools as well).
- Worked directly with clients to translate business needs into functional, user-friendly digital solutions.

Full-Stack Developer (December 2021 – May 2022)

The START Center for Cancer Care

San Antonio, Texas

- Led website rebuild using Angular 8+, increasing patient engagement by 20%.
- Designed and implemented SQL databases for doctors and patients, ensuring secure and efficient data access, and enhanced security measures.
- Redesigned web interfaces to improve accessibility and UX, increasing client satisfaction and sales by 30%; enhanced oncology presence for the region.

Education

Associate of Science in International Business Studies – San Antonio College

Certification

Full-Stack Web Development – CodeUp