

Jessica Gonzales

San Antonio, TX | (210) 608-7927 | jgonzales@builtbyjess.dev | builtbyjess.dev
[LinkedIn](https://www.linkedin.com/in/jessica-gonzales-ba80131a9/): <https://www.linkedin.com/in/jessica-gonzales-ba80131a9/>
[GitHub](https://github.com/Jgonzales0688): <https://github.com/Jgonzales0688>

PROFESSIONAL SUMMARY

Software engineer with hands-on experience across full-stack web and desktop applications, including geospatial mapping systems, internal tooling, and modern AI-assisted development workflows. Comfortable working across frontend, backend, and database layers, with production experience in feature delivery, code review, merge request workflows, and staging-to-production deployment pipelines. Familiar with Docker, Kubernetes concepts, and CI/CD tooling, with a growing focus on DevOps, infrastructure automation, and cloud-native engineering practices. Currently completing a B.S. in Software Engineering while preparing for AWS certification.

TECHNICAL SKILLS

Languages: Python, Java, Go, Scala, VB.NET, SQL, JavaScript

Frontend & UI: Angular, HTML/CSS, WinForms

Backend & Databases: REST APIs, PostgreSQL, Full-Text Search & Indexing, Database Design

DevOps & Tooling: Docker, Kubernetes (concepts), Git, GitHub/GitLab Workflows, CI/CD Pipelines, Command Line, Merge Request & Staging Workflows

Geospatial: KML/KMZ Files, GeoPackage, Polygon/Boundary Editing, Parcel Mapping

Practices: AI-Assisted Development, Code Review, QA & Smoke Testing, Agile Collaboration

PROFESSIONAL EXPERIENCE

Zelifcam

Software Developer

Oct 2025 – Present

San Antonio, TX- On-site

- Contribute to multiple full-stack web applications across frontend, backend, and database layers, shipping features and enhancements into staging and production.
- Built a geospatial mapping system that ingests county parcel data and GeoPackage files, renders property lines as polygons on an interactive map, and surfaces public landowner information.
- Implemented client-side KML upload and viewing functionality, allowing users to load and interact with geospatial files directly in the browser.
- Integrated indexed full-text search across parcels by name, address, and parcel ID, delivering low-latency lookups over large datasets.
- Designed and built the database schema from scratch for a new product line, then continued shipping features and enhancements on top of it alongside another developer.
- Performed major frontend and backend overhaul of a client-inherited application, improving usability, stability, and core functionality before re-delivery.
- Operate within an AI-assisted development workflow: review implementation plans, validate generated code against requirements, run smoke tests, and open and merge my own MRs into staging (development) for QA review before tech lead promotion to production.

Accenture Federal Services

Software Engineering Analyst

Nov 2024 – May 2025

San Antonio, TX- Hybrid

- Supported CMS workflows in a Scala-based enterprise environment while awaiting clearance processing.
- Executed scripts, performed environment support tasks, and participated in Agile ceremonies within a federal consulting team.
- Role concluded as part of organization-wide reductions following federal contract changes.

American Bureau of Shipping

Software Engineering Intern

Oct 2023 – Oct 2024

San Antonio, TX- Hybrid

- Built a client-facing desktop application in VB.NET and WinForms for opening, viewing, and editing KML/KMZ geospatial files, including polygon and boundary area modifications, delivered to an external customer.
- Contributed to an internal VB.NET application, implementing features and resolving bugs through hands-on coding and iterative debugging.
- Worked across feature development, testing, and refinement using a mix of independent problem-solving and AI-assisted development.

H-E-B

Software Engineering Intern

May 2023 – Aug 2023

San Antonio, TX- Hybrid

- Contributed to a Kubernetes admission controller webhook in Go that validated required Datadog tags on pods before allowing them into the cluster.
- Gained working exposure to Docker, Kubernetes, and cloud-native development practices in a production-style engineering environment.
- Collaborated with a mentor and team on implementation, testing, and deployment workflows.

PROJECTS

Portfolio Site — builtbyjess.dev

- Personal portfolio site under a custom domain, showcasing projects, technical background, and contact links.

DevOps Monitoring Dashboard (In Progress)

- Full-stack monitoring dashboard built with Java/Spring Boot, Angular, PostgreSQL, Docker, and GitHub Actions, designed to surface service health, deployment status, and pipeline metrics.
- Built incrementally feature-by-feature with deliberate use of AI-assisted workflows for scaffolding and review, with manual implementation and refactoring throughout.

EDUCATION

B.S. in Software Engineering

Western Governors University

Expected July 2026

A.S. in Computer Science

Southern New Hampshire University

December 2023

CERTIFICATIONS IN PROGRESS

- AWS Certified Cloud Practitioner
- CompTIA A+ (part of degree program coursework)

TECHNICAL INTERESTS

DevOps and CI/CD workflows • Infrastructure automation • Cloud-native development • Containerization and orchestration • AI-assisted software engineering • Geospatial and mapping technologies