

Shaina Gonzales

Software Engineer | Full-Stack, UX/UI, Data & AI-Driven Applications

Software engineer with 3.5 years of experience at General Motors building secure enterprise applications, data systems, and analytics dashboards. Experienced in owning the full product lifecycle, from UX wireframing and interface design to full-stack development and database integration. Strong background in SQL, Power BI, and AI-integrated features, with a foundation in UI/UX design that enables user-focused, product-minded, high-impact solutions.

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KEY SKILLS

Languages:

JavaScript, Java, SQL, HTML, CSS

Frameworks & Technologies:

Angular, React, jQuery, REST APIs, Node.js

Data & Analytics:

Microsoft Power BI, SQL, Database Design, Data Visualization

AI & Automation:

AI Feature Integration, Workflow Automation, Chat-Based Interfaces, Intelligent Data Processing

Frontend & UX/UI:

UI/UX Design, Wireframing, Responsive Design, Usability Testing

Tools & Platforms:

Figma, Adobe Creative Suite, WordPress, Wix, Google Analytics, VS Code, Azure

Cloud & Dev Tools:

Microsoft Azure (dev ops, azure sql, azure app service), Jira, GitHub, CI/CD Pipelines

EDUCATION

Purdue University

Bachelor's Degree in Graphic Design & Computer Science
2016 – 2022

ADDITIONAL SKILLS

- Bilingual: English & Spanish
- Strong cross-functional collaboration and problem-solving skills

PROFESSIONAL EXPERIENCE

General Motors

Software Engineer

January 2023 – May 2026

- Began in a hybrid UI/UX and development role and transitioned into a full software engineering position, contributing across frontend, backend, and data systems

Product & UX-Focused Work:

- Designed and built end-to-end user interfaces used across internal platforms and dealership-facing applications
- Owned projects end-to-end, translating business and user needs into UX wireframes, intuitive interfaces, and scalable application solutions
- Partnered with stakeholders to identify workflow inefficiencies and deliver solutions that improved usability and productivity
- Built user-focused tools that streamlined internal and dealership workflows, reducing manual processes and cutting task completion time by approximately 50%

Engineering & Technical Implementation:

- Developed secure enterprise applications within a firewall-restricted environment supporting sensitive data workflows
- Built responsive frontend interfaces with a strong emphasis on usability, accessibility, and performance
- Developed backend services and integrated complex APIs (including third-party APIs) to support application logic and system communication
- Wrote and optimized complex SQL queries for large-scale data retrieval and database operations
- Created data visualization dashboards using Microsoft Power BI to support reporting and business decision-making
- Managed version control and contributed to deployment workflows using GitHub and CI/CD pipelines
- Integrated AI-driven features including chat-based assistance, workflow automation, intelligent insights, and recommendation functionality
- Collaborated cross-functionally with engineering, product, and business stakeholders to deliver scalable, user-centered solutions
- cessed and cut task completion time by approximately 50%.

All American Petting Zoo

Web Developer / UI-UX Designer

March 2021 – January 2023

- Designed and developed a full website tailored to business needs, including wireframes, branding, and custom client-facing tools.
- Conducted market research and presented user journey insights to improve customer experience.
- Managed IT systems, digital presence, and content updates. Created marketing materials, photography, and visual assets to support brand growth.

