

Tiffany Morgan-Hill

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Portfolio: https://orbittiff.dev

SUMMARY

Full-stack developer with 4+ years of experience building user-focused, production-ready applications. I combine clean design, purposeful functionality, and real-world UX insight to create smooth, reliable interfaces. My background includes performance-based training with continuous two-week project cycles, real-time data integrations, and deployments across modern cloud platforms. Experienced in shipping code, collaborating with engineering teams, and adapting quickly to evolving requirements.

TECHNICAL SKILLS

Frontend: Angular, TypeScript, JavaScript, HTML5, CSS3, Responsive Design, Accessibility

Backend/Databases: Python, Django, Node.js, Express.js, REST APIs, MongoDB, MySQL

Frameworks & Tools: MEAN Stack, React, WordPress, Shopify, OOP, Chrome Extension APIs, VSCode

Cloud & Deployment: AWS(Lightsail, S3, EC2), Digital Ocean, Linux, Git/GitHub, Vercel, Railway, Render, GitHub Pages
Server configuration, SSL, DNS

Methodologies: Agile, Kanban, Scrum, User Story Writing, Backlog Grooming, Git WorkFlow, CI/CD Awareness, UX-Centered design, Rapid Prototyping

Specialties: Neurodivergent-aware UX, real-time data interfaces, workflow-focused design

AI & Productivity Tools: Microsoft Copilot, OpenAI (ChatGPT), Claude, GitHub Copilot, Prompt Engineering

PROJECTS

Launch Commander(Angular • TypeScript • Node • Express • MongoDB)*Ongoing project using Launch Library 2 data*

- Built a gamified orbital-launch prediction app using real-time mission data, low-cognitive-load UI patterns, and an Angular frontend with a REST backend deployed on Vercel and AWS Lightsail.
- Integrated Launch Library 2 for live scheduling and telemetry-driven updates, authored technical documentation, and shipped iterative releases while monitoring live deployment behavior.

PageNotes - Web Page Annotation Extension - Chrome Extension • JavaScript • CSS

- Built a persistent annotation system with hover previews and intelligent note placement, designed for stability and low cognitive load.
- Created a maintainable content-script architecture and documented extension structure, permissions, and update workflows for long-term reliability.

EXPERIENCE

Lead Web Developer (Volunteer) - H.E.R.O. (2023-24)

- Developed WordPress website supporting refugee access to food, housing, and government resources.
- Improved usability and accessibility for diverse, multilingual user groups.

President, Student Design Club - TSTC Fall 2025 – Spring 2026

Founded/led the college's first design club; organized meetings and mentored peers. Led UI/UX-focused design challenges and development workshops.

EDUCATION

Texas State Technical College (TSTC) A.A.S. Web Design & Development - May 2026 (GPA: 4.0)

Web Developer Certificate - TSTC Completed Fall 2025 | National Society of Leadership & Success - *Lifetime member*

• *Performance-based curriculum delivering production-quality projects every two weeks with minimal breaks*

AWS Cloud Practitioner (2023) | Responsive Web Design (2023) | Google IT Support Professional (2023)