

Jose Barrera

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Education

Bachelor of Science in Computer Science

December 2024

University of Texas at Tyler, TX | GPA: 3.82

Skills

Programming Languages: Python, JavaScript, SQL, HTML

Frameworks, Libraries, and Databases: React.js, Django, FastAPI, PostgreSQL, SQLite

Tools: Git and GitHub, VS Code, Postman

Projects

Personal Website | Summer 2025

HTML, CSS, GitHub Pages

- Developed a static website hosted on GitHub Pages to showcase personal projects and integrate a custom domain configured in Porkbun DNS.
- Implemented optimized metadata and Open Graph tags to improve search engine visibility and enhance link previews for sharing.
- Streamlined deployment by automating GitHub Pages builds from the main branch, enabling instant version updates and continuous hosting with zero downtime.

Little Lemon (Meta Frontend Capstone) | Spring 2025

React.js, Vitest

- Developed a responsive React web app for a restaurant reservation system, implementing dynamic form handling and state management with React Hooks.
- Enhanced reliability by writing unit tests with Vitest for core components to improve maintainability.
- Designed a maintainable architecture with declarative routing and feature-based component organization to improve code clarity and scalability for future development.

Work Experience

Software Developer | JMLM Software

January 2025 - Present

- Took ownership of a complex React-based dashboard project, independently developing and refining UI components for client-facing functionality.
- Implemented new features by integrating frontend components with backend APIs, ensuring consistent data flow and improved application reliability.
- Adapted quickly to minimal supervision by troubleshooting bugs, documenting fixes, and proactively learning frameworks and tools to sustain project progress.

Certifications

Professional Scrum Master I (PSM I) | Scrum.org

June 2025

Meta Front-End Developer Certification | Coursera

June 2025