

Jose Barrera

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Education

Bachelor of Science in Computer Science

December 2024

University of Texas, Tyler, TX | GPA 3.82

Skills

Programming Languages: Python, Java, JavaScript, SQL, HTML

Frameworks and Libraries: Spring Boot, React.js, Django

Databases: PostgreSQL, SQLite

Tools: Git and GitHub

Projects

Little Lemon (Meta Frontend Capstone) | Spring 2025

React.js, JSON, Vitest

- Developed a restaurant reservation app with booking state management in React.
- Automated component testing with Vitest to validate booking logic accuracy.

Blog API | Summer 2025

Django, DRF, PostgreSQL

- Designed a RESTful API with authentication, search, and CRUD endpoints for blog posts.
- Added Markdown support with HTML sanitization, filtering, and ordering.
- Improved developer usability by publishing interactive API documentation with Swagger UI and ReDoc.

Task Manager API | Summer 2025

Java, Spring Boot, JPA

- Engineered a full CRUD Todo API with layered architecture.
- Built domain models, DTOs, and repositories with Spring Data JPA for database integration.
- Increased API reliability by adding validation with Jakarta Validation.

Work Experience

Software Developer | JMLM Software

January 2025 - Present

- Built and refined React components for dashboards and client-facing features.
- Independently designed and implemented new features, integrating frontend components with backend APIs.
- Accelerated development cycles by prototyping with Cursor IDE and v0, reducing iteration time.

Certifications

Meta Front-End Developer Certification | Coursera

June 2025

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

June 2025