# Mayra Landa

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## TECHNICAL PROJECTS

### File Uploader— Full Stack (Node.js, Express, PostgreSQL, Tailwind, and Supabase)
Live Demo: https://file-uploader-production-d3b1.up.railway.app
GitHub : https://github.com/mlanda98/file-uploader

- Developed a secure file upload system using Multer with session-based user authentication
- Built with EJS and Tailwind to make a responsive design
- Integrated Supabase for DB management and deployed app on Railway with PostgreSQL
- Separated backend logic using MVC pattern for scalability

### Shopping Cart— Frontend (React, React Router, Vite, Tailwind)
Live Demo: https://shopping-cart-production-15ea.up.railway.app
GitHub:https://github.com/mlanda98/shopping-cart

- Built a dynamic shopping interface with real-time cart updates using the Fake Store API
- Leveraged React Router and reusable components for single-page navigation
- Styled with Tailwind CSS and tested thoroughly with Vitest and React Testing Library
- Emphasized clean architecture and UI responsiveness on all devices

### Battleship—Frontend (JavaScript, Webpack, Jest, HTML, CSS)
Live Demo: https://mlanda98.github.io/battleship | GitHub: https://github.com/mlanda98/battleship

- Designed and implemented a playable battleship game with AI opponent
- Used test-driven development(TDD) with Jest for Ship, Player and Game Board logic
- Modularized code using Webpack; styled game board with custom CSS

## EDUCATION

### San Jose State University — *B.S. Microbiology, Minor in Chemistry*

Completed advanced coursework and laboratory work in Microbiology, Biochemistry, Organic Chemistry, Biostatistics, Calculus, Physics, Genetics, and Bioinformatics. Developed strong analytical, problem-solving, and data interpretation skills through experiments, data analysis, and technical writing.

### Odin Project- Full-Stack Developer Curriculum
Completed hands-on projects in front-end and back-end development using HTML, CSS, Javascript, Git, React, Node.js, and PostgreSQL

## TECHNICAL SKILLS

**Languages & Libraries:**
React, HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, Node.js, Express

**Tools & Workflow:** Git, GitHub, Vite, VS Code, Railway, Webpack, Supabase

**Testing**: Jest, Vitest, React Testing Library

**Concepts:** SPA development, REST APIs, Responsive Design, CRUD, MVC, DOM manipulation, TDD