

Jose Cruz

Full-Stack Engineer

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Full-stack developer building MERN applications with MongoDB and JWT authentication. Focused on secure APIs, clean UI, and production-ready documentation/deployment.

PROJECTS

ABC Fitness | *React, Node/Express, MongoDB, JWT*

Live: [Demo](#) • Code: [Repo](#)

- Built a full-stack fitness platform combining class booking and e-commerce with a React frontend and Express REST API.
- Implemented authentication and protected routes using JWT tokens, enforcing authorization checks in server middleware.
- Designed MongoDB schemas and REST endpoints for users, products, classes, cart, and checkout workflows.
- Used environment variables to manage configuration (MongoDB connection, third-party keys) across local and deployed environments.

X-Clone | *React, Node/Express, MongoDB, JWT*

Live: [Demo](#) • Code: [Repo](#)

- Developed an X/Twitter-style clone with a React frontend and Express API backed by MongoDB.
- Implemented JWT authentication and route protection so only authenticated users can create, edit, and delete content.
- Built posting and feed retrieval workflows with request validation and consistent API error responses.

Portfolio Website | *React, Tailwind CSS, Node/Express, Nodemailer*

Code: [Repo](#)

- Built and deployed a responsive portfolio web app using React and Tailwind CSS, including dark/light mode.
- Implemented an Express backend for a contact form that sends email via Nodemailer using environment variables.
- Documented local development workflow and basic production security considerations.

EXPERIENCE

Automotive Master Technician — Lexus | 2016–Present

- Mentor a junior technician on complex diagnostics, recall workflows, and certification progression while ensuring productivity.
- Diagnose CAN bus communication faults, electrical concerns, and check engine light issues using structured troubleshooting and documentation.
- Partner with corporate technical support on escalations; share findings, test results, and recommended next steps.

EDUCATION

Western Governors University (WGU) — B.S. Computer Science (In Progress)

Ventura College — Automotive Technology - 2018

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML/CSS

Frameworks: React, Node.js, Express.js, Tailwind CSS

Databases: MongoDB

Tools: Git/GitHub, Postman, VS Code