

Zechariah Dominguez

FULL STACK SOFTWARE ENGINEER

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• [LinkedIn](#) • [GitHub](#) • [Portfolio](#) • Dallas, TX

Innovative and highly motivated web developer with over 5 years of hands-on experience in creating dynamic, user-friendly websites and applications. Skilled in leveraging modern technologies to deliver impactful solutions. Eager to contribute my expertise and continuously enhance technical proficiencies while driving business success.

TECHNICAL SKILLS • JavaScript • Python • Flask • React • C++ • Node.js • Next.js • MySQL • PostgreSQL • SQLite

RELEVANT SKILLS • Equipment troubleshooting • Data Analysis • Team Collaborator • Customer Service • Adaptable
PROJECTS

LangxChange | [Github](#) | [Live Link](#)

• *Javascript* • *Python* • *Flask* • *SQLAlchemy* • *Docker* • *AWS*

- Implemented robust form validation and profanity checker using Flask-WTF to ensure reliable user input and informative error responses.
- Created smoother state management with Redux by utilizing intuitive useSelectors to access nested information.
- Linked database requests and variables using useState, useEffect and useDispatch to make asynchronous fetches to change state for the user.

BopStop | [Github](#) | [Live Link](#)

• *Javascript* • *Python* • *Flask* • *SQLAlchemy* • *Docker* • *AWS*

- Developed comprehensive API documentation for database schema and Redux state, streamlining team collaboration and ensuring intuitive integration between front-end and back-end systems.
- Appended and aggregated data from multiple models using SQLAlchemy, retrieving and formatting essential product and cart details for user verification prior to purchase.
- Implemented all Redux state management using Redux, Reselect, and thunk middleware, allowing users full or partial CRUD operations

JohnWickBnB | [Github](#) | [Live Link](#)

• *Javascript* • *Node.js* • *SQLite* • *Express.js*

- Developed custom validators with express-validator to ensure the correct format is being input by the user.
- Utilized Node.js with express to define endpoints and manage middleware for seamless error handling and ensuring an optimal user experience.
- Created and styled a responsive frontend with React, designing reusable components and implementing functionality with state management and custom functions.

EXPERIENCE

Equipment Technician • Mcdonald's • Metairie, LA

10/2022 – present

- Oversaw maintenance and repair operations across 8 restaurant locations, ensuring equipment functionality and compliance with safety standards.
- Managed and resolved 500+ support tickets annually, prioritizing tasks to minimize downtime and disruptions.
- Implemented equipment upgrades as mandated by corporate policies and conducted regular cleaning and repairs to extend equipment lifespan.

Research Assistant • Florida Gulf Coast University • Fort Myers, FL

08/2016 – 07/2018

- Collaborated with astronomer Derek Buzasi to update an outdated MATLAB program for processing data from the TESS satellite to be input into legacy algorithms.
- Volunteered to develop the adoptastar.org landing page to receive donations for the program using HTML and CSS.
- Developed and refined MATLAB algorithms to calculate light curves of Star data stored in a MySQL database.

EDUCATION

APP ACADEMY • Full Stack Web Development

Completed 01/2025

FLORIDA GULF COAST UNIVERSITY • Coursework in Integrated Studies • Fort Myers, FL

2019