

# Diego Zamudio

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*Full stack developer building clean, fast web apps, from UI to backend. I enjoy turning messy workflows into reliable software with a focus on user experience, performance, and maintainable code.*

## EDUCATION

### Wayne State University – College of Engineering

Bachelor of Science in Computer Science

Detroit, MI

Dec 2025

## RELEVANT COURSEWORK

•Software Engineering •Java Programming •Database Management •Web Development •Mobile Application Development

## PROFESSIONAL EXPERIENCE

### Blue Flares LLC

Founder, Web Developer and Digital Marketing

Detroit, MI

Sep 2023–Present

- Built and maintained 4+ client websites (WordPress, Shopify, and HTML/CSS/JS), including updates, performance fixes, and hosting management
- Work directly with clients to scope requirements and deliver end to end web projects from build to launch
- Create short form content and marketing assets (videos, graphics, menus, promos), manage posting calendars, and maintain client brand and online identity

### Wayne State University

Engineering Teaching Assistant

Detroit, MI

Sep 2022–Dec 2025

- Teach 30+ students per semester Arduino programming and hardware integration, debug code and wiring issues, and guide lab projects from setup to demo
- Maintain 10+ 3D printers, cut downtime by 25% by implementing preventive maintenance

## ENGINEERING PROJECTS

### AgentPM | Completed Winter 2025

- Built an AI powered project management web app with React + TypeScript frontend and FastAPI backend
- Integrated Jira APIs for project sync and used OpenAI to generate reports and risk insights, secured with JWT auth and backed by PostgreSQL
- Collaborated in a team using GitHub, feature branches, pull requests, and code

### MySQL Service Quote Portal | Completed Fall 2025

- Built a full stack quote and order portal (React, Express, MySQL) with JWT authentication and role based access (admin vs client)
- Designed the database schema, implemented file uploads, and added PDF export

### Fitness Tracking App | Completed Winter 2024

- Developed an Android app for tracking workouts and progress, designed in Figma and built in Android Studio (XML + Java)
- Implemented in Java with Firebase for real time storage of profiles and data

## ADDITIONAL SKILLS

- Fluent in English and Spanish
- Programming Languages: Java, Python, JavaScript/TypeScript, SQL, C++, HTML, CSS
- Frameworks/Tools: React, FastAPI, Firebase, Bootstrap