

Zachary Marabeas

zmarabeas@gmail.com - 734-751-0417 - github.com/zmarabeas

Computer Science Student / Freelance Software Developer

Summary

Self-motivated and results-driven software developer with a strong technical background in full-stack development. 3+ years of freelance experience building efficiency-boosting solutions for businesses, with a focus on enhancing productivity and user engagement. Proficient in leading end-to-end development, from gathering requirements to deployment.

Work Experience

Software Developer, Great North Finance (March 2024 - Present)

- Developed a responsive and engaging website that improved user engagement by 25%.
- Built lead generation tools to enhance customer acquisition and productivity, integrating APIs for seamless data management.
- Utilized JavaScript, Svelte, and Firebase for frontend and backend development, ensuring robust performance and scalability.

Software Developer, TextBlaster (October 2023 - Present)

- Developed a full-stack SMS automation app, "TextBlaster," using Node.js, Svelte, and Firebase, delivering mass text messaging capabilities for businesses.
- Integrated Twilio APIs for SMS dispatch, real-time analytics, and user management features.
- Created a user-friendly dashboard for clients to manage their messaging campaigns efficiently.

Software Developer, Primo's Pizzeria POS System (February 2021 - August 2023)

- Designed and built a full-stack Point of Sale (POS) system tailored to a local pizzeria's needs, utilizing JavaScript, Svelte, and MongoDB.
- Integrated Heartland API for secure online payment processing and developed features such as menu interfaces and customer data management.

Instructor, Schoolcraft College (June 2018 - Present)

- Led programming workshops and designed robotics projects focused on autonomous systems and controls, improving students' grasp of STEM subjects.
- Delivered instruction in JavaScript, Python, and Blocks for programming and robotics courses.

Mentor, First Robotics (March 2016 - Present)

- Guided teams through designing autonomous systems and controls for competitive robotics, fostering technical skills in programming and engineering.

Education

Wayne State University & Grand Valley State University

- Bachelor of Computer Science (Graduating December 2025)

Skills

- Programming Languages: JavaScript, Svelte, Node.js, Python, C, HTML/CSS, Bash, Linux
- Frameworks & Tools: MongoDB, Firebase, Twilio, APIs, UI/UX Design
- Robotics Expertise: Arduino, CAN bus, Controls, Autonomy
- Development Focus: Full-Stack Development, Automation, Productivity Tools, Lead Generation Solutions