Michael Zinzun
Software Engineer

📞 (323) 691-6510
✉ zinzunmichael@gmail.com
📍 Altadena, California
github.com/mzinzun
linkedin.com/in/michaelzinzun/
gitlab.com/mzinzun

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL

System Design | Client-Server, Monoliths, Microservices, Event-driven, Domain-driven design, GIT

Back-End | Django 4, FastAPI, PostgreSQL, MongoDB, CI/CD, NodeJS/Express, PassPort, Docker

Front-End | DOM manipulation, ReactJS, React Hooks, Redux, Bootstrap, HTML5, CSS

PROFESSIONAL EXPERIENCE

Next Chapter | Software Engineer Apprentice   Jul '23 - Dec '23

- Collaborated with team to design and develop innovative solutions, **utilizing Django, Python, Javascript, FastAPI, PostgreSQL, and React**
- Debugged software issues by identifying and resolving complex technical problems resulting in 15% faster issue resolution
- Improved efficiency of application development **using Docker** ensuring a more robust and reliable software infrastructure

The Last Mile | Teacher's Assistant   Mar '21 - Feb '23

- **Supported 10+ students** with track learning curriculum and milestone projects, resulting in student scores at 90%+ on final grades
- Directed students to **leverage and navigate available online resources,** leading to students completing more efficient and high quality assignments
- Facilitated instructor by **encouraging students to participate** by asking open ended questions, resulting in smooth classroom management

Zincom Computer Solutions | IT Specialist   Jun '02 - Oct '16

- Performed PC maintenance, repair, and troubleshooting for 50+ computers while **maintaining a same day SLA**
- **Created websites** for three small businesses, and engineered front end using HTML, CSS, and JQuery resulting in interactive user friendly experience
- Trained various customers on Computer usage, Operating system, and applications

RELEVANT PROJECTS

MedGuardian| Full Stack Engineer | github.com/mzinzun/medGuardian | Dec '23
FastAPI - Python - PostGres - React - Redux - Bootstrap - JavaScript - Docker

Med Guardian is a full-stack application developed to help people manage, track and schedule their medications with a clear and easy to use interface.

- Developed a **Full-stack web application** in a 3 member team collaboration, **implementing a FastAPI-PostgreSQL-React** framework
- **Incorporated Redux** as the state management library to efficiently manage and synchronize the application's state.
- Executed user authentication with JSON web tokens, securing user login and enabling full CRUD capabilities

QuantumCar | Full Stack Engineer | gitlab.com/mzinzun/project-beta | Oct '23
Django - Python - PostGres - React - Bootstrap - JavaScript - Docker

A full stack, fully functional web site to handle service appointments, sales, and inventory management for an automobile sales and service center

- Developed a **dynamic web application** in collaboration with a team member using a **Domain Driven Design and microservice architecture**
- Utilized **Docker containerization** for project portability and team collaboration
- Wrote clear, detailed Readme files for **sales microservice** including diagram with **Entity relations** and data flow

ZincomCS| Full Stack Engineer | github.com/mzinzun/zincomCS | Dec '21
NodeJS/Express - React - MySQL - Bootstrap - JavaScript

A full stack, fully functional web site for computer sales business including data management

- Built a **single page application** with modern fetching and state management solutions
- Created **React components** as well as utilizing React hooks for **DOM manipulation**
- Implemented **custom authentication using PassPort** to securely manage user login and session management

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program   Jun '23 - Dec '23

The Last Mile | MERN Full Stack Web Development   Apr '19 - Mar '21

University of Phoenix | B.S. Information Technology   Feb '11 - May '13