

# MARK KLOCEK

Software Engineer

## SUMMARY

Creative and detail-oriented software engineer with strong problem-solving and communication skills. Experienced in building responsive front and back end web applications using Python and JavaScript. Comfortable working independently or in agile, collaborative environments. Passionate about continuous learning, modern development practices, and delivering scalable, impactful solutions.

## WORK EXPERIENCE

### Freelance Software Engineer

June 2023 — Present

- Collaborated with clients and designers to develop modern, responsive software solutions using best practice
- Built semantically structured, maintainable front end and back end applications
- Contributed to iterative development cycles, incorporated regular feedback and feature enhancements

#### Recent Projects:

**PetroTact Solutions** – Standalone app for Owens Coastal Consultants, built using a design thinkir approach to assist petroleum spill responders. Prioritized usability and real-world workflows, allowir users to input conditions and receive optimal cleanup tactics, volumetric waste data, and clear treatment targets.

**NASA API Search Tool** – Responsive web app that fetches and displays NASA imagery based on user input. Built with HTML, CSS, and JavaScript using hypothesis-driven development to test and refine interface usability.

**100Devs Calculator App** – Built a fully functional calculator from a forked repository in a collaborative open-source project. Used a GitHub workflow (fork, clone, local dev, pull request) and practiced version control, clean code, and iterative improvement rooted in social coding and hypothesis-driven development.

**The Lead List** – Backend system built for W&M Leads to collect, filter, and structure client opportunity data from multiple sources. Developed in Python with asynchronous task handling and custom logic to organize and deliver actionable lead sets.

**List Generator** – Simple CRUD app using Node.js, Express.js, and MongoDB to read, write, update, and delete list data via a responsive UI.

### Rideshare Driver & Personal Development

April 2019 — June 2023

Drove during the pandemic while focusing on personal growth and transitioning into tech. Used downtime to self-teach programming, attend El Camino College, and build early projects.

### Gaming Supervisor – ACME Player Services, Hawaiian Gardens, CA

2014 — March 2019

Worked in a high-intensity casino environment overseeing 50 associates and leading a team of 5 junior supervisors. Collaborated directly with ownership to design an efficiency system that reduced table slowdowns and improved floor operations, resulting in substantial profit margins during busy hours.

## CONTACT

310.749.2947

[mark.klocek@gmail.com](mailto:mark.klocek@gmail.com)

[Markklocek.com](http://Markklocek.com)

<https://github.com/Mark-Klocek>

<https://www.linkedin.com/in/mark-klocek/>

## SKILLS

HTML

CSS

Javascript

Python

Flet

PostgreSQL

OOP

Web Accessibility

API Integration

Agile Principles

Git & GitHub

Design Thinking

[Node.js](https://nodejs.org/)

[Express.js](https://expressjs.com/)

MongoDB

## EDUCATION

El Camino College

2020- 2022

Major: Computer Science