Zachary Loftis

Fontana, California | (909) 609-1639 | loftis03@gmail.com
linkedin.com/zachary | gitlab.com/Zloftis

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS, C#
Front-End | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit
Back-End | Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ
System Design | Microservices, Domain-driven design, Event sourcing, Docker, .NET
Experience | 1 year

APPLICATION DEVELOPMENT EXPERIENCE

Lead Software Developer | **Buckit** | *Repo Link* | *Full Stack*   2023
The primary use of this project was for users to create a list of films that they could edit.
- Implemented FastAPI framework in order to create a backend that was capable of running queries with zero percent error to draw upon data from a third-party API.
- Applied dynamic authenticator in FastAPI that was capable of keeping track of a token assigned to a specified user that is created.
- Designed a robust frontend that was capable of handling errors specifically passed by the third-party API, including a custom designed error 404 message.

Lead Software Developer | **CarCo Inventory Management System** | *Repo Link* | *Full Stack*   2023
This project's function is to provide a website capable of keeping a record of sales and services for cars.
- Utilized two microservices to create APIs capable of communicating with a separate database in a third microservice.
- Created a single page application using React allowing every page to draw upon data from the backend in the PostgreSQL database.
- Established a backend API that tracks vehicles by vin number and is able to associate that vin to the model and make of the car as well as what services it has or has not undertaken.

Lead Software Developer | **Taskinator** | *Repo Link* | *Full Stack*   2023
This project enables users to track the progress of their tasks and projects by providing status of tasks and how many remain.
- Created a Django framework for Taskinator that allowed for seamless database integration by utilizing Django's built-in functionality.
- Developed multiple database models by utilizing Django's object-relational mapping to ensure smooth functioning across multiple web pages.

PROFESSIONAL EXPERIENCE

Money Mailer | Data Analyst   2023-present
- Worked with marketing analytics team members to produce accurate reports of demographics utilizing SQL queries to draw upon their database with MapInfo Software.
- Utilized excel documents to create structured reports that showed data in a clear and concise manner after pulling raw data.

San Bernardino City Unified School District | Substitute Teacher   2020-2022
- Worked with students to be able to attain criteria given the state standards per relative subject matter through clear and concise teaching methods.
- Improved students' problem solving logic through facilitation and one on one meetings towards self efficacy.

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate   2023
California State University San Bernardino | Bachelor of Science in Computer Science   2017-2021