

## TECHNICAL SKILLS

**Programming Languages** | Python 3, JavaScript ES6+, SQL, HTML5, CSS, Markdown, PHP

**System Design** | Monoliths, Micro-Service Architecture, Domain-driven design, Message passing, Event sourcing

**Back-End** | Django 4, PostgreSQL, MongoDB, CI/CD, FastAPI

**Front-End** | DOM manipulation, Websockets, React, Bootstrap, React-Native

**Developer Skills** | Git, IT troubleshooting, Debugging, Insomnia, Docker, Linux, Unit-testing

## RELEVANT PROJECTS

### CarCar | Full Stack Engineer | Django React PostgreSQL

Mar '24

[CarCar](#), a fullstack application that allows users to create and manipulate objects that correspond to different parts of a car dealership.

- Constructed an API on the server side following **RESTful standards** allowing database manipulation from the front end while staying in their bounded context
- Developed a **single page application using REACT** to allow the user to add appointments, employees, and cars to the database and modify and view those entities.
- Implemented a poller to allow the user to grab data from the database while staying within the **micro-service structure**
- Managed** the git repository for the pair project allowing us to **avoid difficult merge conflicts**

### .lstrip Page | Full Stack Engineer | Markdown Python

Oct '23

[.lstrip\(\) Page](#), a page for the CodeCademy docs that detailed the use of the .lstrip() python string method.

- Wrote documentation** to help other developers learn and use python string methods
- Utilized a **production git work flow** through an open source repository on github

### TicketHound | Full Stack Engineer | FastAPI React Bootstrap

Apr '24 - May '24

[TicketHound](#), A web application to fetch and display real-time data for games and ticket prices for baseball games

- Made heavy use of external API's and **Web-scraping**
- Used the **python FastAPI** framework
- Managed front-end to back-end interfacing with **REACT REDUX**

## PROFESSIONAL EXPERIENCE

### MicroTool Co | Maintenance Technician

Jun '21 - Apr '24

- Addressed a myriad of **operational, technical, & logistical challenges proactively** throughout daily operations
- Performed regular cleaning & maintenance tasks **enhancing task completion**
- Fabricated fixtures using woodworking & **metalworking** tools

### Boardwalk Chapel | Audio/Visual/Lighting Coordinator

Jun '23

- Trained team on **Behringer x32** mixing console boosting their efficiency & expertise
- Enhanced performance & improved efficiency by **upgrading & fixing processes & software**
- Streamlined communication channels for improved overall **musician satisfaction**

## EDUCATION

### Hack Reactor | Advanced Software Engineering Immersive Program

Jan '24

- Django Backend development
- Learned JavaScript and REACT for Front-end design
- Project-based curriculum that included solo coding, pair programming, and team collaboration
- Practiced Domain-Driven-Design

### Bucks County Community College | Essentials of Firefighting

Jan '23 - May '23

- Experienced working under extreme pressure while paying close attention to detail
- Took leadership in teams and cultivated a problem-solving mindset to accomplish tasks