Amy Pirro

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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS, JSON
Front End | React, DOM manipulation, Bootstrap, Tailwind
Back End | FastAPI, RESTful APIs, PostgreSQL, Django 4, Pydantic, Git, Docker, CI/CD, Microservices

RELEVANT PROJECTS

Potlucky | Full Stack Engineer   **01/24–02/24**

Python, FastAPI, Pydantic, PostgreSQL, JavaScript, React, React Router, Tailwind, Docker   Repo | Website

A single-page web application for potluck planning, designed and implemented collaboratively as a team of four

- Maintained integrity of interconnected data in PostgreSQL and FastAPI, using data modeling, typing, and the repository pattern
- Implemented front-end and back-end token-based authentication to protect endpoints and pages and facilitate user data collection
- Applied CI/CD with unit tests, code cleanliness, merge requests, and deployment of the database, backend, and frontend

CarCar | Full Stack Engineer   **11/2023–01/2024**

Python, Django, JavaScript, React, React Router, Bootstrap, Docker   Repo

A single-page web application for managing sales and services at a car dealership

- Designed an automobile sales microservice to integrate with inventory and auto service microservices for a complete application
- Utilized RESTful APIs in Django with a PostgreSQL database to send and receive HTTP requests for CRUD operations
- Built a dynamic frontend using React and Bootstrap, using React hooks and state management to reflect real-time data changes

Conference GO | Full Stack Engineer   **11/2023–12/2023**

Python, Django, RESTful APIs, JSON   Repo

An API-driven web application for conference management

- Adapted attendee logic into a microservice from the monolithic app, utilizing value objects, APIs, and polling to share data
- Integrated third-party APIs for geolocation, weather, and photo data, translating received data with anti-corruption layers

PROFESSIONAL EXPERIENCE

Galvanize | Software Engineering Immersive Resident (SEIR)   **04/2024–Present**

- Offering personalized technical and project management mentorship to students, fostering individual and small-group learning
- Conducting code reviews to enhance students' proficiency in Python and JavaScript fundamentals and engineering best practices

INTERLOCKS Salon & MedSpa | Graphic Designer & Marketing Manager   **04/2015–10/2023**

- Designed print & digital materials using Adobe Creative Suite for various campaigns to boost sales & brand recognition
- Collaborated on marketing campaigns from start to finish, enhancing sales and increasing brand exposure and client engagement
- Boosted holiday gift card sales by an average of 7% annually in non-pandemic years, achieving a 40% increase from 2015–2021 through comprehensive campaigns

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program   **02/2024**

750+ hours of Python and JavaScript training. Project-based learning including solo coding, pair programming, and team collaboration.

Salem State University | B.S. in Communications | Graphic Design minor   **05/2014**

Magna Cum Laude (3.7 GPA), Honors Program, Advertising Communications concentration, Writing Tutor