Simon Conrad

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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS
Front-End | React, React Hooks, DOM manipulation, WebSockets, Redux Toolkit, Bootstrap
Back-End | Django 4, PostgreSQL, FastAPI, RabbitMQ, MongoDB, RESTful API
System Design | Docker, Git Workflow, Microservices, Domain-driven design, Message passing, Event sourcing

APPLICATION DEVELOPMENT EXPERIENCE

Plunge | Full Stack Developer | *github.com/slyskillet/plunge* | *FastAPI, PostgreSQL, React, Redux*   2023
A peer to peer marketplace application for informal skill-sharing events
- Developed SQL tables and an API using Fast API, to create and manage classes, events, and registrations, to achieve a streamlined user experience
- Integrated GoogleMaps API and wrote React-compatible javascript functions to pin upcoming classes to a map of the user's area, enhancing their engagement by guiding them to nearby events
- Created a reusable card carousel component to display event information so users can purchase reservations through an intuitive platform
- Implemented Redux Toolkit to make a user's logged-in status a global state across the application, facilitating their use of all features
- Collaborated remotely with a team of four to wireframe the project, create an issues board with Linear and incrementally develop the application using GitLab CI/CD pipelines

RadCar Automobiles | Full Stack Developer | *github.com/slyskillet/radcar* | *React, Django, Bootstrap*   2023
A single page application for management of an automobile dealership
- Developed RESTful API for CRUD functionality on the dealership inventory and records across three microservices, optimizing scalable operations and performance
- Configured a polling system using Docker and Django to reference dealership sales history and grant special status to automobiles purchased in-house to encourage customer loyalty
- Designed an interactive user interface using React state and effect hooks, styled with custom CSS, to create an immersive and colorful user experience

Task Manager | Full Stack Developer | *github.com/slyskillet/taskmanager* | *Django, Python, HTML, CSS*   2023
A task management application for a team to organize, visualize progress, and plan for success
- Built a full stack application from scratch with the Django 4 framework giving a project manager the ability to assign and monitor progress through a clean user interface
- Integrated Plotly API gantt charts to create visual representation of the task list and better conceptualize the task flow, assignments and their overall relation to the current date and deadline

PROFESSIONAL EXPERIENCE

The Red Hen | Chef   2022-2023
James Beard Award winning kitchen in Washington, DC serving Italian cuisine with seasonal American ingredients
- Led and coordinated a Spanish-speaking back-of-house team
- Contributed to recipe creation for seasonal menu changes, serving the city's best available ingredients

A Rake's Progress | Chef   2019-2020
Open-hearth concept featuring local, mid-Atlantic cuisine by James Beard Award winning chef, Spike Gjerde
- Established kitchen operations and menu as a founding team member, adhering to efficient, creative cooking processes to minimize waste and promote sustainable farmers and fishermen

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate   2023
Earlham College | Art, Spanish Linguistics   2014

PERSONAL | Bilingual (English, Spanish), expert restaurant cook, curious and collaborative developer