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
Back-End | Django 4, PostgreSQL, FastAPI, RabbitMQ, MongoDB
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 classes and events
- Developed SQL tables and an API using Fast API, granting users the capability to create and manage classes, events, and registrations, resulting in a streamlined user experience and efficient participation
- Integrated GoogleMaps API and wrote React-compatible javascript functions to pin upcoming classes to a map of the user's area, effectively guiding users to nearby events and enhancing their engagement
- Rendered card carousels with React and Bootstrap to display neat and readable event information for an inviting platform to purchase reservations conducive to intuitive use of the application
- Implemented Redux Toolkit to update and access global state of authorization for a user's logged-in status to facilitate their participation in the application's ecosystem
- Collaborated remotely with a team of four using agile methodology to design and wireframe the project, troubleshoot issues, and incrementally develop the application with Git workflow

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 APIs to efficiently create, read, update and delete dealership inventory and records across three microservices, optimizing operations and enhancing performance for scalability
- Implemented a polling system using Docker and Django to reference and display dealership sales history, granting special status to automobiles purchased from the business to encourage customer loyalty
- Developed an interactive application interface using React state and effect hooks, alongside custom CSS and Bootstrap, 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 celebrate the highest quality local meat and produce

EDUCATION

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

PERSONAL | C1 fluency in Spanish - Central American and Castilian