

# 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 | [gitlab.com/slyskillet/plunge](https://gitlab.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 | [gitlab.com/slyskillet/radcar](https://gitlab.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 | [gitlab.com/slyskillet/taskmanager](https://gitlab.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