Hanna Erickson

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Technical Skills

Programming Languages: Python 3, JavaScript ES6+, SQL, HTML5, CSS
Front-End: React, React Hooks, Redux Toolkit, DOM manipulation, WebSockets
Back-End: Django 4, MySQL, PostgreSQL, MongoDB, FastAPI, RabbitMQ, APIs
System Design: Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing
Tools: Git, Docker, AWS, Canva

Application Development Experience

Full Stack Software Engineer | Repo: *hannaerickson/ikeya* | **Ikeya**   **2022 - 2023**
Software development of a web application for interior design with multi-user management.
- Integrated FastAPI's authorization and authentication status procedures allowing front end views to be visible only to logged in users, as well as ensuring the logged in user matches the data owner before allowing edit access.
- Created independent front end views using React functional components for user interaction and creation of unique rooms and furniture. Implemented data fetch to allow viewing of rooms created by other users.
- Implemented filtered search with React functional components, allowing room search by keyword or attribute.

Full Stack Software Engineer | Repo: *hannaerickson/autosync* | **AutoSync**   **2022**
Development and web design of an application for car dealerships to track service appointments and sales.
- Created a Django and RestAPI based back end and a React front end to allow the creation of records for sales employees, service employees, customers and automobiles, for tracking of recorded sales and appointment history.
- Improved accuracy of data presented to users by utilizing React Hooks and functional components to automatically refresh data tables based upon new data.
- Established accurate data transfer between service appointment microservice and automobile inventory microservice to improve reliability of appointment creation.

Full Stack Software Engineer | Repo: *hannaerickson/event-flow* | **Event Flow**   **2022**
Software development of a conference management web application.
- Created a Django and RestAPI based back end with a React SPA front end to enable full CRUD functionality for conferences, locations, presentations and attendees.
- Implemented third party API fetch for location based weather and photo data for enhanced conference visualization.

Professional Experience

Software Engineer | *Kids Spot Inc.*   **2023**
- Provide website maintenance including changes to scheduled gymnastics programs, camp events and newsletters.
- Collaborate with business owner and staff on visual changes to the website including site structure and aesthetics.

Software Engineering Immersive Resident | *Galvanize*   **2023**
- Facilitate the growth and education of students attending Hack Reactor's Software Engineering Bootcamp by providing mentoring and technical support in Python, Django, Javascript, React and more for 70+ students.
- Work directly with other software engineering residents and instructors on developing informational software for student learning and projects.

Education

Hack Reactor, *Advanced Software Engineering Certificate*   **2023**
The Ohio State University, *B.A. Zoology, minor Creative Writing*   **2018**