Hanna Erickson

Chicago, IL   ✉ hannaerickson.swe@gmail.com   in hannamaeerickson   ○ hannaerickson

SKILLS

Languages (Python 3, JavaScript ES6+, SQL, HTML5, CSS)

Front-End (DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit, Tailwind, Bootstrap)

Back-End (Django 4, MySQL, SQLite3, PostgreSQL, MongoDB, FastAPI, RestAPI, RabbitMQ)

System Design (Monolithic systems, Microservices, Domain-driven design, Message passing, Event sourcing)

Tools (Git, Docker, AWS, Canva)

PROJECTS

Ikeya 🔗   Dec 2022 – Jan 2023
Tech Stack: PostgreSQL, FastAPI, React, JavaScript, Python, Bootstrap
Full stack development of a web app 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.

CarCar 🔗   Nov 2022 – Dec 2022
Tech Stack: PostgreSQL, Django, React, JavaScript, Python, Bootstrap
Full stack development of a web 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.

Conference GO 🔗   Oct 2022 – Nov 2022
Tech Stack: Django, React, JavaScript, Python, Bootstrap, RestAPI
Full stack 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

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

Software Engineering Immersive Resident (SEIR)   Feb 2023 – present
Galvanize
- Facilitate the growth and education of students attending Hack Reactor's 19 Week Software Engineering Bootcamp by providing mentoring and 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.

Client Care Specialist   May 2021 – Feb 2023
Bellwood Animal Hospital
- Maintained an efficient workflow by answering multi-line phone systems, interpreting and relaying messages to and from staff, clients, pharmacies and insurance companies.
- Increased the efficiency of communication between the hospital and county Animal Services by managing the organization and submission of rabies documentation for all hospital patients.

EDUCATION

Hack Reactor   Sep 2022 – Feb 2023
Advanced Software Engineering Certificate

The Ohio State University   Aug 2014 – May 2018
B.A. Zoology