Joseph A. Ferraro III

ferraroj2626@gmail.com || 630-330-5482 || linkedin.com/jferraro26 || github.com/JFerraro26 || jferraro26.github.io/portfolio|
Phoenix, AZ

TECHNICAL SKILLS

Programming Languages: Python 3, SQL, CSS, HTML5, JavaScript ES6+
System Design: Monoliths, Microservices, Domain-driven design, message passing, event sourcing
Back-End: PostgreSQL, Django 4, FastAPI, Django REST framework
Front-End: React, Redux Toolkit, DOM manipulation, WebSockets, Bootstrap, Tailwind

APPLICATION DEVELOPMENT EXPERIENCE

PassPro || Software Engineer || https://github.com/JFerraro26/passPro   2023
An independent ticket sales application
- Created a search filter that applied multiple search criteria to display only events that matched that criteria.
- Connected aspects of the user interface through the use of Redox global state management allowing access to specific information throughout the app.

Table Top Stories || Software Engineer || https://github.com/JFerraro26/tableTopStories   2023
An application for TTRPG world building
- Used Django REST framework to create restful API's
- Constructed an interactive world form in react that managed multiple aspects of a world through use of Redux Toolkit global state management

CarCar || Software Engineer || https://github.com/JFerraro26/carCar   2023
A used car dealership application
- Developed an application using Django 4 and PostgreSQL for backend data management
- Designed a front-end filter function using React state management

Professional Experience

Nursing: 2018-2022
Maxim Healthcare Staffing || ICU nurse || Appleton WI
- Provided skilled nursing care in the ICU.
- Taught patients and their family members about disease processes.
- Analyzed cardiac rhythms.

AHS Staffing || ICU nurse || Phoenix AZ
- Used critical thinking in regards to patient care
- Monitored patient metabolic panels and determined proper patient treatment
- Identified signs of progression of patient status

Ascension || ICU nurse || Detroit MI
- Trained as a superuser of Cerner graphical user interface
- Managed unit patient assignment as a Charge nurse
- Responded to Code Blue and Rapid Response

EDUCATION

Hack Reactor, Advanced Software Engineering Certificate   2023
Southern Illinois University Edwardsville   2006-2007, Aug 2022-Dec 2022
Loyola University of Chicago, BS Nursing   2021
Wayne County Community College, AS Nursing   2017
College of DuPage, AS Fire Science   2012
Central DuPage Hospital, Paramedic   2011