Cathal Paz
Software Developer

(917) 972-4960 | cathalpaz@gmail.com **|** NYC   Portfolio | GitHub | LinkedIn

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML, CSS
Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgresQL, AWS, Docker, Websockets
Key Skills: Git, Pair Programming, Scrum Methodologies, Project management, Database management

EXPERIENCE & PROJECTS

Fullstack Engineer | Programazon   live | github
E-commerce application based on tech needs (Flask, SQLAlchemy, React, Redux, AWS)

- Constructed an Amazon inspired dynamic e-commerce platform integrated with AWS S3 buckets for efficient image storage.
- Designed a user-friendly front-end utilizing React to enhance shopping experience, and Redux to manage the application's state.
- Integrated a robust review system, allowing users to leave feedback and ratings on products, fostering community engagement to both shoppers and sellers.
- Modeled data and API endpoints in the backend, applying Postman for tests.

Fullstack Engineer | Slacord   live | github
Discord clone app (Flask, SQLAlchemy, React, Redux, AWS)

- Collaborated with a team of 4 to recreate a fully functioning Discord clone, utilizing a git workflow and pair programming.
- Implemented websockets with socket.io for real-time communication within server channels and direct messages.
- Crafted intuitive user interference, enhancing user satisfaction and customizability.

Fullstack Engineer | join(Up)   live | github
Coding community based application (Express, Sequelize, PostgreSQL, React, Redux)

- Developed database table models and established scopes for frequently used queries using Sequelize ORM.
- Implemented request validation and authorization using Express middleware.
- Utilized Google Maps API to enable users to pinpoint and display the location of their events, enhancing the geographical aspects of the application.

EDUCATION

App Academy \\ *Fullstack Development | Online*   *Completed 09/2023*

Binghamton University \\ *Neuroscience major (some credits) | Binghamton, NY*   *2018-2020*

RELEVANT COURSEWORK

Data Structures & Algorithms, Databases, Web Design and Development, Test-Driven Development (TDD), Object-Oriented Programming (OOP), UI/UX Design Principles, RESTful APIs