Noraa Stoke | Software Engineer

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Skills

Python, Javascript, Rust, Node.js, React.js, TensorFlow, Redux, Typescript, Flask, Docker, SQLAlchemy, SQL, postgres, Sequelize, Inkscape, Render, pgAdmin, C++, Ruby, Stripe, HTML, CSS, SaSS, PyCharts, MongoDB, Git, Github. Pytest, Jest, puppeteer, unittest websockets, Travis CI, Flutter, Dart

Projects

Tangerine, Tangerine Auth - PyPI package- *HTTP Backend Framework and auth manager.*   live site | github

Python, unittest, bcrypt, websockets, Docker, pytest, Travis CI

- Designed and implemented a custom server framework from scratch using Python, providing a flexible and scalable solution for handling HTTP requests and responses.
- Developed a user auth library using JWT and bcrypt for password hashing, ensuring secure access to protected data.
- Oversaw production development of an open-source project, ensuring high-quality code and timely delivery.
- Implemented continuous integration using Github and Travis CI, including automated unit testing to ensure reliability and functionality of the live production codebase.

Holy Grail   live site | github

JavaScript , React / Redux , Python, Flask, Jinja, WTForms , CSS3 , AWS , Render, Stripe Payments API

E-commerce/Clothing Resale/Fashion.

- Led the frontend team, worked to create a well-implemented, bug-free architecture.
- Made key design choices for optimal UX / UI interactions.
- Integrated the Stripe API to take real payments.

Block Invaders.   github

Rust, Cargo, Piston

- Designed and implemented a classic "Space Invaders" game using the Rust programming language and the Piston game engine.
- Leveraged Rust's features for memory safety without garbage collection, demonstrating efficiency in handling system resources and performance-critical code.
- Implemented core game mechanics such as enemy spawning, player movement, bullet shooting, and power-up systems, providing a dynamic and engaging gaming experience.

Experience

Podium Apartments | Current Role | Software Engineer

- Assisting in development of launch projects for timely release dates across multiple platforms.
- Using flutter and dart to create a completely new experience for the apartment hunting experience.
- Implementing unit tests to ensure site reliability, and progressing towards the goal of 100% test coverage.

Farm Manager & Consultant | December 2019 - November 2021 | Self-Employed |

- Implemented effective conservation techniques to manage dairy cow pastures. consistently supplying fresh eggs and produce to meet demand.
- Managed the construction and timely completion of multiple greenhouses, animal areas, irrigation systems.
- Oversaw website/online marketing presence for various farms in Ohio.

Open-Source Work

Active contributor to the following open-source Github repositories of note:

PythonCheatsheet, Lightwood, MindsDB, Koa.js

Education

App Academy | Spring 2023 | New York, NY |
- Immersive, 1000 hour software bootcamp with focus on full stack web development and <3% acceptance.
- Emphasis on pair programming, best practices, DRY code, TDD, scalability, algorithms, REST, security.

The Ohio State University | 2013-2015 | Columbus, OH | 4.0 GPA

Pursued a BS in Physics with a sub-emphasis on Studio Arts, and the Humanities.