WESLEY NGUYEN 425-394-2002

wesngu28.com   wesngu028@gmail.com   linkedin.com/in/wesngu28   github.com/wesngu28

EDUCATION

University of Washington — December 2022
B.A in Geography: Data Science — Seattle, Washington

SKILLS

Languages: Python, R, PowerShell, HTML, CSS, JavaScript, TypeScript, SQL, Rust, Bash, Java

Frameworks: NodeJS, Markdown, Bootstrap, SCSS (Sass), Tailwind CSS, React.js, Redux, Svelte, Vue.js, Pinia, NextJS, Nuxt.js, Vite, Express, Playwright, Cypress, FastAPI, Django (DRF), Flask, Tauri, WordPress

Tools: Git, GitHub, Linux, ArcGIS, QGIS, Postgres, MongoDB, Firebase, Supabase, Docker, JSON, Agile Methodologies

PROJECTS

Sideroca | Next.js, React, Tailwind, Python, FastAPI, PostgreSQL, Redis, Docker — August 2023
- Created a full-stack application that allows users to query data from the NationStates trading card game.
- Harnessed PostgreSQL to store data on over 500,000 cards, and expose the data for consumption for the Next.js frontend and other users through an API developed with FastAPI.
- Simplfied deployment and build process by using Docker to containerize the project, and continuous integration to rebuild and push changes to a Hetzner VPS with Github Actions.

Septim Shop | TypeScript, React, Next.js, Redux, Prisma, Tailwind, Stripe — Present
- Developed an ecommerce platform emulating the website of the Mede Empire from the Elder Scrolls selling house tours for homes across Cyrodiil and Skyrim.
- Designed and finished a cart using Redux Toolkit, and used the cart to integrate mock payment providers in Stripe to complete the payment and development flow.
- Implemented a Postgres database to store website data full of houses, user orders and items, and accounts and interfaced with it through Prisma.

Game Hunter | TypeScript, React, Next, Cypress — Winter 2022
- Developed a web application that allows users to search for and learn about their favorite games.
- Built with Next.js, the application makes requests to Steam, Twitch, and isthereanydeal to gather and clean data about the game and display to the user updated information.
- Utilized Cypress to ensure that the application functions correctly and that the data displayed to the user is accurate, combining unit and end-to-end testing.

RhodesAPI | TypeScript, Express, Fastify, Node.js, SvelteKit — Spring 2022
- Devised and built a RESTFUL API with Node and ES6 JS for the tower defense game Arknights with Express.js, utilizing a MongoDB database constructed from web scraped data.
- Researched and implemented a version written in Fastify, to improve performance and reliability.
- Deployed a documentation website made with SvelteKit to allow visualization of APIs responses and improve SEO.

WORK EXPERIENCE

UArizona Institutional Knowledge Map, Tucson, AZ | Web Developer — December 2023 - Present
- Implemented and reworked api endpoints for searching and filtering, allowing users to filter search results using MongoDB aggregation pipelines.
- Developed and deployed a comprehensive documentation site using a Markdown parser, creating an easy to maintain documentation site and improving information access and understanding for new users.
- Tested and added accessibility features within UI components, ensuring a more inclusive user experience for all kinds of users. Implemented dark mode to provide thematic options for users.

International Wood Products, Clackamas, OR | IT Specialist — May 2023 - November 2023
- Triage, evaluate, and resolve tickets through osTicket for technical issues from around the company.
- Write Powershell, JavaScript, and Python scripts to automate data, Microsoft 365, and Azure AD tasks.
- Tasked with collaborating with the marketing team to maintain the company WordPress site.

International Wood Products, Clackamas, OR | IT Intern — July 2022 – September 2022
- Worked with a small team in preparation of server, networking and technology equipment for corporate use.
- Supported Microsoft 365 Enterprise and ERP systems, email servers, and operations for users across states.