

Rolv Apneseth

Software Developer

rolvapneseth.xyz

rolv.apneseth@gmail.com

github.com/rolv-apneseth

linkedin.com/in/rolv-apneseth

Experience

Junior Front End Developer @ Kinesense Ltd.

NOV 2022 – PRESENT

- Develop the frontend for re-creating the company's flagship desktop application (a complex video analysis tool) as a web-based platform which will service clients from around the world.
- Migrated all old class-based React components to more maintainable and extendable functional components, also fixing critical bugs along the way.
- Leverage Redux to manage intricate client-side state and RTKQuery for caching API responses, allowing for easy debugging of state-related issues.
- Create comprehensive unit tests using Jest, and maintain Azure DevOps CI/CD workflows, ensuring the reliability of the web application.

Junior Front End Developer @ Bottletop Media

SEPT 2021 – NOV 2022

- Maintained and updated websites for over 1000 existing clients (mostly schools) using modern HTML, CSS, and JavaScript.
- Implemented unique designs and features upon request, leading to increased customer satisfaction.
- Developed a custom Selenium (browser automation) script in Python to automate the creation of page structures on the company's proprietary CMS software for new clients' websites, significantly speeding up the initial development stages.

Skills

Languages

Rust · Lua · Python · Bash/Shell (Unix) · Markdown
JavaScript · TypeScript · HTML · CSS · SASS

Tools / Frameworks

Axum · Tokio · Tracing · Nom · Criterion · Leptos · Serde
SSH · Git · Azure Devops · Docker · GitHub Actions
React · Redux · RTKQuery · Bootstrap · TailwindCSS

Soft skills

Focused · Self-driven · Fast learner · Great communication

Personal Projects

Speed Typer

PYPI PACKAGE | CODE

Python, PyQt5, PyQtGraph, NLTK, SQLite3

- A GUI application made using the PyQt5 library for Python, made for practising typing with a modern, minimalistic UI
- Leveraged the NLTK library to generate near endless sources of text for a user to practise with
- Implemented a system which allows users to track their progress with the use of an SQLite3 database

World Wonders API

DEMO | CODE

Rust, Docker, Axum, Serde, Tracing

- An API providing information about famous wonders from around the world, such as the Colosseum, the Taj Mahal, and many more
- Self-hosting is made easy via a Docker image available on Docker Hub. Documentation is also provided in the form of a web page which also includes an OpenAPI specification
- Automated CI/CD processes using GitHub Actions, including testing the code, rebuilding the Docker image, and deploying it to the server

rofi-games

CRATES LIBRARY | CODE

Rust, Nom, Tracing, Criterion

- A plugin for the Rofi application launcher on Linux, which adds a mode for launching games available on a user's system.
- Games are parsed at runtime from various common sources, allowing a user to efficiently access their entire gaming collection in a single, light-weight launcher