Jayden Wright

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TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, SQL (Postgres), Java, HTML/CSS
Frameworks: React, Vue, Node.js, Express, Flask, React Native, FastAPI, GraphQL
Developer Tools: Git, Docker, AWS, Figma
Libraries: pandas, NumPy, Matplotlib

PROJECTS

Gif Converter | *JavaScript/TypeScript, React, WebAssembly*
- Created a web application using React and a WebAssembly/JavaScript port of FFmpeg that allows for video editing to be done directly in the browser
- Asynchronously loaded WebAssembly packages in background to reduce user loading times
- Allowed users to upload their own videos which could then be converted to gif files using FFmpeg

Code Editor | *JavaScript/TypeScript, React, Express, PostgreSQL*
- Developed a web application that let users create custom web pages using HTML, CSS, and JavaScript directly in the browser
- Stored user code asynchronously in the browser using localStorage
- Utilized CodeMirror library to create in-browser code editing environment that allows for fully-featured code and syntax highlighting
- Served user data through a REST API built with Express that queried a PostgeSQL database

Project Planner | *JavaScript/TypeScript, Python, React, Flask, PostgreSQL*
- Built a web application that makes planning out projects and completing them on time easier
- Used React along with React Router navigational components to create a front end that allows for easy navigation
- Utilized React's Context API to share and update user data among seperate components
- Wrote a REST API in Python using Flask to connect Flask and PostreSQL backend to frontend

Stock Screener | *JavaScript/TypeScript, Python, React, Flask, PostgreSQL*
- Developed a stock screener to view and analyze large amounts of stock data to make better investment decisions
- Retrieved stock data using a combination of Yahoo Finance and the Alpaca Trading API to get background information about company as well as current prices
- Wrote Cron Job script set to run everyday to get latest stock info
- Used FastAPI to build a REST API to query PostgreSQL database for stock info and send it to the frontend

EDUCATION

State University of New York at Old Westbury   Old Westbury, NY
Bachelor of Science in Business Administration   *Aug. 2018 – Present*