Dominic Mason

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Professional Summary: Recent computer science graduate with a concentration in Software Engineering, skilled in full-stack development and data engineering. Seeking a software engineering position to leverage my experience in React, FastAPI, and AWS to contribute to innovative projects and enhance my technical expertise.

Education:

Bachelor of Science in Computer Science, Concentration in Software Engineering
Virginia Commonwealth University
May 2024

Legacy Full Stack Certification
freeCodeCamp
June 2024

Experience:

Software Engineering Intern
Spring Oaks Capital, LLC, May 2022 – Sept 2022

Front-End Web Development:
- Built a web page for Heartwood, an internal control panel for our operations team, and crafted user interfaces using React and Material-UI components based on wireframes.

Back-End Server-Side Development:
- Developed a FastAPI endpoint to process Excel files reducing manual processing time by 50%.
- Uploaded transformed files to AWS S3 buckets and managed download links for efficient data exchange.

Data Engineering:
- Transformed data using Pandas to meet specific formatting requirements, streamlining data processing workflows.
- Automated conversion of Excel files to various formats, including .prn, saving significant manual effort.

Agile Development Methodology:
- Participated in daily scrum meetings, sprint planning, sprint reviews, and weekly "Demo Day" presentations.
- Collaborated with cross-functional teams to ensure timely delivery of features and improvements.

Projects:

Personal Portfolio Website (dominicvcueng.github.io)
- Developed and deployed a personal portfolio website, hosted on GitHub Pages showcasing various projects and skills.

Rick and Morty Personality Quiz (https://rickandmortypersonalityquiz.netlify.app)
- Developed a React web application utilizing the Rick and Morty API to match users with characters based on personality traits. Integrated dynamic data fetching and interactive quiz features.

Extracurricular Activities:

WebRams - Web Development Club at VCU
Member
2023 - 2024

Technical Skills:

Programming Languages: Java (Proficient), JavaScript (Proficient), C (Intermediate), C++ (Intermediate), Python (Proficient)

Web Development: HTML (Proficient), CSS (Proficient), Node.js (Intermediate), React.js (Proficient), Flask (Intermediate), FastAPI (Proficient), Express (Intermediate), Axios (Proficient), .NET (Familiar)

Databases: SQL (Proficient), SQLAlchemy (Proficient)

Tools: GitHub (Proficient), Microsoft Office (Proficient), Confluence (Intermediate), Jira (Intermediate), AWS (S3, EC2) (Proficient), Docker (Intermediate), Git (Proficient)

Operating Systems: Windows (Proficient), Linux/Unix (Proficient), MacOS (Proficient)