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EMPLOYMENT

BI Analyst / Software Engineer   **DB Schenker**   **August 2018 - Present**

OMS – Training/Audit Documentation Manager
- Directed implementation and deployment of the system, reducing a minimum of 500 monthly labor hours.
- Designed, documented, and developed web-based software application to save over 200k yearly.
- Lead transition from Django, to DRF and Next JS Frontend in the span of 1 month.
- Planned and engineered over 200 RESTful endpoints to extract data.
- Reduced 85% of manually data collection and reporting by implementing a dashboard feature.
- Created 100+ accurate and successful test scripts to manage automated testing.
- Improved render time by 25% by transferring filtering from the client side to the server side.
- Analyzed and vetted the data collected to ensure data was a 100% accurate.

VAST – Warehouse Productivity Tracker
- Collaborated with 2 team members in the transition from JavaScript to TypeScript.
- Communicated with internal teams, and lead meetings regarding the development progress.
- Automated 100+ test cases using Cypress based on user stories.
- Presented and transitioned design to meet company standards, maintaining accessibility colors at 7:1 ratio.
- Diagnosed excessive re-renders with React DevTools and WDYR reducing re-renders from 6+ to 1.
- Refactored code blocks optimizing time complexity from $O(n^2)$ to $O(n)$, increasing performance by at least 2x.
- Trained, guided, and provided documentation to 40+ employees from different departments.

EDUCATION

Manchester, NH   **Southern New Hampshire University**   **January 2020 – Present**
- **Major:** BS Computer Science with concentration in Software Engineering
- **Minor:** Project Management. In-major GPA: 3.5.

Programming Coursework: Software Development Life Cycle; App Development; System Analysis and Design; Data Structures & Algorithms; AI & ML, and UI/UX Design and Development

TECHNICAL EXPERIENCE

Projects

Mythus (August 2022 - Present)
- Designed and deployed web-based application that features a job board, and resume builder. Rust, Python and SQL, Typescript and Tailwind CSS.

Rodrez.com (June 2021 – Present)
- Personal blog-like website to write technical articles about data structures, algorithms, and Big O notation. JavaScript (Next JS), Rust, and Python.

Rustnamer (September 2022)
- Developed and released desktop app where users can bulk rename files based on patterns. Authored documentation to demonstrate open-source collaboration. Configured CI/CD pipeline to automate releases with GitHub Actions. Rust (Tauri), JavaScript (React).

Languages and Technologies
- (Proficient) Python; JavaScript (Familiar) SQL, Rust, Typescript, (Novice) C++, Java.
- Visual Studio Code; PyCharm; IntelliJ; (Familiar) Vim, Git, Unix, Docker.