Austin, TX (Can Relocate)
preciouso.com

Precious Oyetunji

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Technologies and Languages

- Languages: Java, Python, C#, Rust, C++, TypeScript, Swift, Bash, PowerShell, VBA, MATLAB
- Technologies: Git, MySQL, Postgres, React Native, Expo, AWS, MongoDB, Redis, Gradle, Maven, CMake

Work Experience

Software Engineer 1   **Dell Technologies**   **Jan 2024 – Present**
Dell Optimizer Team   Austin, TX

- Worked on in house AI based automatic remediation of extremely common IT problems, saving the company $25-40 million in user support costs per year. Used C# to interface with Windows APIs
- Collaborated with Industry AI leader on integrating solutions for easily accessible step-by-step user troubleshooting, to help millions of users with daily PC usage, as well as circumvention of issues, with the potential of further saving $5-15 million in support costs
- Supported the Dell Optimizer product by updating the C# codebase to more modern and performant SDKs and APIs, and merging duplicated features and codebases into one streamlined solution to improve development team performance
- Supported interns on several projects, guiding them with troubleshooting, debugging, code reviews, and overall integration into the company

Software Engineering Intern   **Dell Technologies**   **May 2023 – Aug 2023**

- Developed an improved authentication workflow for controlled access to critical servers using windows services/daemons
- Utilized Windows Server API in C# to implement authentication protocol, using ASP.NET for server communication, with Blazor & Maui for User Interface
- Streamlined the approval process, saving developers time and reducing the workload for development leads

Software Specialist   **P&R Software**   **Dec 2020 – Apr 2023**
                                        preciouso.com/portfolio

- Conducted server maintenance and resolved issues for Linux instances, improving system reliability and performance
- Created software to track crypto markets & transactions, and conducting analysis to see where most value was being created
- Created Java-based Minecraft mods and plugins to enhance gameplay and add custom features
- Gave clients direction regarding software scope, architecture, and timelines of software and app proposals

Education and Certifications

B.Sc. Computer Science, Wichita State University, Wichita, KS.   **Dec 2023**

Projects

QueuePreview
- Developed an app that helped over 1.5k students prioritize and keep track of companies present at the 49th NSBE convention, resulting in increased student engagement and efficient company interaction.
- Used React Native to build a user-friendly UI, allowing users narrow down career opportunities more efficiently
- Deployed a backend service in Python using FastAPI and Postgres, utilizing GitHub Actions and fly.io for a smooth deployment process

PC-Remote
- Designed a cross platform, universal app to allow a user to control their computer using their mobile device
- Implemented a custom protocol to allow touchpad input or gyroscope data to be sent over LAN, allowing the PC cursor location to be updated in real time

SQLite-Lite
- Recreating the base functionality of SQLite in Rust

AES_128_CBC_Bruteforce
- POC of brute force to determine the key to an AES encrypted blob, given plaintext & iv