Dezly Macauley

💻 Software Engineer | Systems Programming (Rust | Go | C++)

🌐 **Location: South Africa - Prefer to relocate, but open to remote or hybrid roles**

Email: dezlymacauley@proton.me

Certifications: https://github.com/dezlymacauley/dezlymacauley/tree/main/achieved-certifications

About Me:

- I'm passionate about **low-level programming** languages like Rust, classics like C++ and languages like Go, for a **scalable approach to concurrency** and **high-performance network programming**.
- Highly proficient at using Python-based cli tools like uv for creating **reproducable Python workflows**, HTTPie for **API testing**, and Pgcli and Litecli for making **SQL queries**.
- I am currently studying for the CKAD **(Certified Kubernetes Application Developer)** to to deepen my DevOps expertise. I'm also learning TypeScript (JavaScript), SvelteKit, HTML and CSS to broaden my skills.
- However please note that **front-end development is not my area focus**.

Skill Overview:

Linux Proficiency:	Arch Linux, Kali Linux
Programming / Scripting:	Rust, C++, Go, Python, Bash, Lua
Database Development:	PostgreSQL, SQLite
DevOps:	Docker, Git, GitHub, uv, Version Fox

Certifications Awarded:

Duke University – Rust Fundamentals

University Of California Irvine – Programming With Google Specialization

- University Of California Irvine – Getting Started With Go
- University Of California Irvine – Function Methods and Interfaces In Go
- University Of California Irvine – Concurrency In Go

Meta – Version Control

Google – Tools Of The Trade: Linux and SQL

Project Showcase:

Dezly Labs - A collection of labs to organize my polyglot programming skills and computer science knowledge: https://github.com/dezlymacauley/dezlylabs

DezlyKit - A terminal-centric Arch + Hyprland + Neovim workflow for AI Engineers and Polyglot Programmers : https://github.com/dezlymacauley/dezlykit

Maverick Meetups API - A REST API powered by Go and SQLite, for exclusive events featuring provocative content creators: https://github.com/dezlymacauley/maverick-meetups-api