

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>

Phone / WhatsApp: +27 66 458 6161

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 **reproducible 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**.
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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>
