Dezly Macauley
Back-end Focused Software Engineer

>> with a passion for modern system programming languages (**Go**, **Rust**)
>> and a growth mindset towards cutting-edge technologies

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Please refer to **Page 2** of this resume for the **Links to Certificates Awarded** for the skills below

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Skill Overview

System Programming: Go, Rust

SQL Databases: SQLite, MySQL, PostgreSQL (Currently learning)

Version Control: Git, GitHub

Scripting: Bash, Python, Lua(Neovim config), Nix(declarative dev environments)

Linux Proficiency: NixOS, Arch Linux, Fedora, Debian Stable, Ubuntu

Code Editors: Neovim , VS Code

Blockchain / Web3: Solidity Smart Contracts

Front-End Basics: Html, CSS, Tailwind CSS, JavaScript / TypeScript, Bun, Svelte (Currently learning)

English Proficiency: CEFR Level = C2 (Native Proficiency)
Technical Writing: Creating user-friendly documentation
Public Speaking: Presenting technical info to a non-technical audience
Former Research Executive at Kantar.

About Me

Former market research executive with an indomitable spirit, pursuing software engineering against the odds – from living in a country with daily power outages, scammers, and disingenous friends ands mentors. I strive to be an asset and a source of inspiration to those around me.
Seeking backend-focused roles to further refine technical skills, especially in systems programming, AI, and potentially ethical hacking. **Seeking to relocate** to **South America** (Argentina, South Brazil), **Southern Europe** (Italy), or **The Sinosphere** (Japan, Vietnam) as a key step toward reaching full potential.

Projects

rust-web-server – A web server written in Rust without the use of frameworks
rss-gopher – A Go RSS feed aggregator that uses `chi` and `cor` to handle requests
rusty-billing-app – An Interactive CLI Billing Application Written in Rust
sha256-cracker-rust – A password cracker written in Rust
pokedex-cli-go – A CLI program written in Go that uses the PokeAPI to fetch data about Pokemon
password-store-audit – A professional audit report of a Solidity smart contract
mini-grep-trpl – A command line file search tool written in Rust.

Links To Certificates Awarded

Systems Programming

Duke Unversity – Rust Fundamentals

University of California Irvine – Programming with Google Go Specialization
University of California Irvine – Concurrency in Go
University of California Irvine – Functions, Methods, and interfaces in Go
University of California Irvine – Getting Started with Go

University of Michigan – Exploring C

Version Control, Linux, and SQL

Meta – Version Control
Google - Tools of the Trade: Linux and SQL

Blockchain / Web 3 / Smart Contracts

Alchemy University - Learn Solidity
Cyfrin Updraft - Solidity 101
Cyfrin Updraft - Wallets and Post Deployments
Cyfrin Updraft - Blockchain Basics Completed

Front-End Basics

Meta – Programming with JavaScript
Traversy Media - Tailwind CSS from Scratch
Colt Steele - Mastering TypeScript

Native English Proficiency

EF SET (Education First Standard English Test) - Native English Proficiency
TEFL Universal - Advanced English Certificate