Daniel Mederos

DevOps Engineer and Backend Developer

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SKILLS & EXPERTISE

Technical Skills

Python SQL Linux Docker Nginx

Javascript Typescript Electron git GitHub

GitLab Wireguard AdGuard C++ API REST

Flask React React Native PostgreSQL Bash

Markdown Shell scripting node.js Vite

Soft Skills

Leadership Communication Problem solving

Languages

English (Fluent) Spanish (Native)

EDUCATION

CUJAE

Bachelor's in Software Engineering

10/2020 - 1/2025
Havana, Cuba

PROFESSIONAL SUMMARY

Backend developer with extensive experience in managing Linux servers and utilizing Docker. Currently working as a DevOps Engineer at PakCore SRL, where I specialize in backend architecture and API development. I have a strong background in building console and desktop GUI applications, with a focus on automating routine tasks and database management. I am also experienced in developing cross-platform mobile applications, leveraging modern frameworks to create seamless experiences on both Android and iOS. Additionally, I am the co-founder of WebGraphix, a web design company, where I continue to play an active role in web development and system integration.

PROFESSIONAL EXPERIENCE

WebGraphix

Co-Founder, Technical Lead, and Full Stack Developer | Part-time

4/2024 - Present
Texas, USA

- Linux VPS management
- DNS management
- API REST development with Flask
- SQL databases design and integration
- Deploy apps and services using Docker
- Bash and Python scripting for tasks automation
- Cross-Platform mobile apps development using React Native
- PWA and websites development using React+Vite.js

PakCore SRL

DevOps Engineer | Part-time

11/2023 - Present
Havana, Cuba

- Manage multiple Linux VPS
- Deploy and mantain multiple Odoo instances for clients
- DNS Management
- Routine tasks automation
- Implementation of Docker-based solutions for container creation and management, optimizing deployment processes and scalability.

Personal Projects

Software Developer | Part-time

1/2022 - Present

- Odoo Manager GUI - Desktop application (MacOS, Linux and Windows) to automate the deployment and managing of multiple Odoo instances locally using Docker, made with Electron using React + Vite.js
- Custom personal VPN using Wireguard and Adguard to block ads and tracking
- Several websites using React + Vite.js uncluding my own web portfolio
- Flask API to automate email delivery using Resend
- Basic Flask API for authentication to be reused on other projects
- Several python scripts to automate routine tasks, available on my github
- Several PostgreSQL + C++ school projects