

SADIQ

BACKEND & SYSTEMS ENGINEER

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PROFESSIONAL SUMMARY

Backend & Systems Engineer focused on building scalable, high-performance systems. Deep expertise in **Go (Golang)** and **TypeScript**, with specialized experience in **FFI** (Foreign Function Interface) for multi-language integration and **TinyGo** for embedded environments. Framework-agnostic problem solver with a strong command of Linux (NixOS) and DevOps practices.

EXPERIENCE

Full Stack Developer

2021 – Present

Self-Employed / Freelance

Architecting and developing full-stack applications and high-performance backend systems. Specializing in performance optimization, distributed system design, and creating robust APIs using Go and modern web frameworks.

KEY PROJECTS

Nest-Server

Go, Fiber

Engineered a high-performance backend service for file management. Implemented efficient file streaming and processing pipelines to handle large datasets with minimal memory footprint.

Authify

Go, OAuth2, Docker

Designed a secure and flexible user authentication system. Implemented OAuth2 protocols and comprehensive security measures to ensure robust identity management for modern web apps.

Temp-Mail

Go, Postfix, SQLite

Developed a self-hosted temporary email infrastructure. Automated Postfix configuration and implemented a custom SMTP handler in Go to process incoming emails and manage ephemeral inboxes.

NixOS Configuration

Nix, Linux

Created a fully reproducible development environment using NixOS flakes. Automated system provisioning, dotfile management, and development toolchains for consistency across machines.

SKILLS

Languages

Go (Golang) TinyGo TypeScript
JavaScript Python C Rust SQL

Systems & DevOps

FFI Nix / NixOS Linux Docker
Nginx

Backend

Fiber Huma Express Hono Elysia
OpenAPI

Database

PostgreSQL SQLite Redis MongoDB
SQLC

Frontend

Svelte React Next.js Vite Tailwind

