

My Programming Portfolio

About Me

I am a dedicated **software developer** with a passion for solving complex problems using **Python, C++, and Go**. My expertise lies in building **efficient, scalable, and innovative solutions** that leverage the unique strengths of these languages. I thrive on system-level programming, game development, and security-focused applications.

Skills

Python

- **Web Development:** Django, Flask
- **Web Scraping:** Selenium, BeautifulSoup4
- **Desktop Software Development:** PyQt6
- **Game Development:** Pygame
- **Steganography Projects**

C++

- **System Programming:** Windows API, DirectX
- **Game Development:** SDL, SFML
- **Desktop Software Development:** Qt, GTK, Windows API
- **Performance Optimization**

Go

- **IoT & Sensor Integration**
- **Networking & Data Transmission**
- **Efficient Concurrency Handling**

Projects

Python Projects

 **Task Management Web App** *A web application built with Flask to manage tasks and deadlines efficiently.*

 **Steam Game Scraper** *A powerful web scraper using Selenium and BeautifulSoup4 to collect and analyze data about Steam games.*

 **Space Invaders Clone** *A 2D recreation of Space Invaders using Pygame, staying true to the classic arcade experience.*

 **Encryption Desktop Application** *A secure desktop application for encrypting messages using steganography techniques.*

C++ Projects

 **Windows Widgets Library** *A lightweight 2D library utilizing the Windows API for graphics rendering.*

 **Racing Game** *A fast-paced 2D car racing game built with SFML.*

 **Metadata Corrector** *A utility that allows users to edit file timestamps efficiently.*

Go Projects

 **Proxmox Temperature Sensors to MQTT** *A program that sends sensor data to HomeAssistant or other systems using the MQTT protocol.*