Innovative software engineer specializing in high-performance systems, AI integration, and intuitive user interfaces. Proficient in multiple programming paradigms with expertise in C++, Rust, Swift, and TypeScript.

Featured Projects

System Utilities & Monitoring

Developer Tools & Productivity

Content Management & Organization

Games & Interactive Entertainment

Knowledge Management & Learning

Educational Technology

Technical Expertise

2

Languages

- **C/C++**
- **Rust**
- **Swift**
- **Go**
- **JavaScript/TypeScript**
- **Python**
- **Julia**
- **Lua/VimScript**
- **C#**
- **Java**
- **AppleScript**
- **SQL**
- **HTML/CSS**
- **Bash/Shell**

Frameworks & Tools

- **SwiftUI**
- **Unity**
- **WebGL**
- **React/TailwindCSS**
- **Docker/K8s**
- **Git/CI/CD**
- **Neovim/VS Code**
- **Tree-sitter**
- **libgit2/OpenAI API**
- **Flask/SQLite**
- **UIKit**