Nicholas Nevins

nevins.nicholas@gmail.com | nicholasnevins.org | github.com/NevinsN | Remote-Ready

Software Engineer with a strong foundation in backend systems and cloud-native infrastructure. Experience deploying and operating containerized services, with hands-on work in UE5 C++ development and early-stage design of Kubernetes-based game server orchestration systems.

Technical Skills

- **Languages:** Python, C++, SQL, Go (learning), Bash
- **Infrastructure:** Docker, Kubernetes, Agones, Terraform, CI/CD (GitHub Actions)
- **Platforms:** Render, Oracle Cloud (OCI)
- **Gaming:** UE5 (Networking/Server), Redis, Git
- **Systems:** Linux Admin, TCP/UDP Networking, SSH

Projects

NexusGate | Cloud-Native Server Orchestrator (Planned / Early Prototype)
https://github.com/NevinsN/NexusGate

- Designing a Go-based backend to orchestrate Unreal Engine 5 dedicated servers using Kubernetes and Agones.
- Prototyping infrastructure workflows for automated server provisioning, health monitoring, and horizontal scaling in Kubernetes environments.
- Defining reproducible infrastructure using Terraform as part of a DevOps-first development approach.

Elemental Escapist | UE5 Technical Prototype
https://github.com/NevinsN/elemental-escapist

- Implemented C++ gameplay systems and player state management in Unreal Engine 5, with an emphasis on server-side logic and modular system design.
- Developed a modular level-transition system that serves as the primary test bed for NexusGate to validate cross-server handoff protocols.

Experience

Field Sales Specialist, Talking Rain – Idaho Falls, ID Feb 2023 – Present

- Coordinated workflow improvements across stakeholder groups, identifying process friction and implementing manual solutions to improve team output.
- Analyzed operational patterns to optimize daily tasks, demonstrating the self-management and "self-starter" discipline required for remote, global engineering roles.

Department Lead, Kroger Corp/Fred Meyer – Idaho Falls, ID Mar 2010 – Jan 2023

- Managed high-volume operations and QA standards while maintaining 99%+ stock availability through a physical par-level inventory system.
- Optimized resource allocation by analyzing usage trends and calculating reorder points based on lead-time variables.
- Translated complex operational requirements into clear technical instructions for consistent service delivery.

Education

Southern New Hampshire University – BS in Computer Science, Magna Cum Laude August 2024
Relevant Coursework: Data Structures & Algorithms, Database Design, Cloud & Web Architecture, Machine Learning