TIMOTHY JOHNSON

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Portfolio • Github • LinkedIn

TECHNICAL SKILLS

- **Languages**: Java, Python, Go, C, C#, Kotlin, Rust, SQL, JavaScript/TypeScript, HTML5/CSS, Bash
- **Backend & Cloud:** REST APIs, FastAPI, Gin, Node.js, Docker, NGINX, Jenkins, CI/CD, Cloud Deployment (Ubuntu VPS)
- **Tools & Platforms:** Linux/Unix, Windows, Android, SQL/NoSQL Databases, Git, Gradle, Splunk, WebAssembly
- **Soft Skills:** Problem Solving, Collaboration, Communication, Adaptability, Self-Motivated, Time Management

PROFESSIONAL EXPERIENCE

The Home Depot | System Tester & QA Support - Lacey, WA   February 2025 – Present
- Supported QA and user acceptance testing for voice-directed warehouse system during production rollout.
- Reported technical issues and workflow impacts to engineering teams for system improvement.

Blue Torch Games | Software Engineer - Game Development - Remote   June 2020 – January 2025
- Shipped and maintained production-ready games (Cubicka 3D Voxel Engine, Hooked! AutoFisher on Google Play, That One Dungeon on Steam), implementing scalable OOP systems, optimizing performance, and debugging critical issues.
- Collaborated in agile sprints to perform code reviews, coordinate feature delivery, and maintain reliable builds in Git.

Best Buy | Technical Support Specialist - Lacey, WA   September 2018 – April 2021
- Provided hardware and software troubleshooting, translating technical issues into customer solutions.

PROJECTS & INDEPENDENT EXPERIENCE

2025 | E-Commerce API with Jenkins CI/CD - DevOps Engineer | Team of 8   GitHub | Demo
- Developed Go REST API for e-commerce platform and implemented Jenkins CI/CD pipeline with automated testing.
- Implemented Jenkins CI/CD pipeline with GitHub webhooks for automated testing and deployment.
- **Tech Stack:** Jenkins, Go(Gin), REST API, SQLite, Bootstrap, Chart.js, Git, Webhooks, NGINX, Ubuntu, CI/CD

2025 | Splunk Deployment & Monitoring Platform - Systems Administrator | Independent Project   Demo
- Deployed containerized Splunk server on Linux VM using Docker for real-time system log collection and analysis.
- Automated log ingestion and indexing pipelines, improving system visibility, enabling proactive incident response.
- **Tech Stack:** Splunk, Docker, Ubuntu Server, Systemd, Bash, Linux, Logging & Monitoring

2025 | Dracula AI Agent with CI/CD - ML Systems Engineer | Independent Project   GitHub | Demo
- Trained custom GPT-style transformer using PyTorch/tiktoken with checkpoints, loss-tracking, and sampling.
- Deployed FastAPI microservice with automated CI/CD via GitHub Actions and front-end UI on Ubuntu/NGINX.
- **Tech Stack:** Python, PyTorch, tiktoken, FastAPI, GitHub Actions, Matplotlib, JavaScript, Transformers, NGINX, Ubuntu

2024 | Conway's Game of Life - Full-Stack Developer | Independent Project   GitHub
- Developed browser-based cellular automaton in Rust compiled to WebAssembly, with multithreaded updates.
- Hosted on Ubuntu/NGINX, integrating Rust, JS, and WebAssembly for high-performance client-side simulation.
- **Tech Stack:** Rust, WebAssembly, JavaScript(ES6), HTML, CSS, NGINX, Ubuntu

2023 | Academic Planner - Full-Stack Java Developer | Independent Project   GitHub
- Built Android application for managing academic scheduling with persistent SQLite storage and push notifications.
- Implemented course management, deadline tracking, and automated reminders using Java and Android SDK.
- **Tech Stack:** Java, Android SDK, SQLite, Gradle

EDUCATION

The Evergreen State College - Olympia, WA   December 2024

Bachelor of Science in Computer Science and Software Engineering
Coursework: Data Structures & Algorithms, Software Engineering, Databases, Operating Systems, Networking, AI/ML