

TIMOTHY JOHNSON

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[Portfolio](#) • [Github](#) • [LinkedIn](#)

SUMMARY

Backend Software Engineer with 4+ years building production systems, APIs, and distributed services. Experienced improving runtime stability, troubleshooting application failures, and delivering reliable live backend infrastructure.

TECHNICAL SKILLS

- **Languages:** Go, Java, Python, SQL, TypeScript/JavaScript, C#, Rust, Bash
- **Backend:** REST APIs, Web Services, Microservices, FastAPI, Gin, Node.js
- **Infrastructure:** Docker, Kubernetes (k3s), Jenkins, GitHub Actions, NGINX, Linux
- **Databases & Tools:** PostgreSQL, MySQL, SQLite, Redis, Git, Gradle, Splunk

PROFESSIONAL EXPERIENCE

The Home Depot | General Warehouse Associate (System Tester & QA) - Lacey, WA | February 2025 – Present

- Validated a voice-directed warehouse system during live rollout, identifying workflow defects before full deployment.
- Reproduced and documented edge-case failures in high-volume operations, accelerating engineering remediation.

Blue Torch Games | Software Engineer - Remote | June 2020 – January 2025

- Developed and maintained three production applications across desktop and mobile platforms, supporting live users.
- Designed scalable object-oriented systems supporting deterministic state updates in real-time environments.
- Refactored performance-critical components to improve runtime stability under high-load execution paths.

Best Buy | Customer Service Specialist - Lacey, WA | June 2018 – April 2021

- Diagnosed and resolved hardware and software failures in high-volume environments to minimize downtime.
- Translated complex technical issues into clear, actionable solutions while maintaining service efficiency standards.

PROJECTS & INDEPENDENT EXPERIENCE

E-Commerce REST API with CI/CD - Backend Engineer | Team of 8 | 2025

[GitHub](#) | [Demo](#)

- Designed and deployed a Go-based REST API to replace manual order-processing workflows, enabling consistent data handling and reproducible releases.
- Implemented automated CI/CD pipelines with Jenkins, reducing deployment steps and improving release reliability.
- Containerized and deployed services on Linux with Docker and NGINX to ensure consistency across builds.
- *Tech: Go (Gin), Jenkins, REST API, SQLite, SQL, Docker, Git*

Production Monitoring Dashboard - Full-Stack DevOps Engineer | Independent Project | 2025

[GitHub](#) | [Demo](#)

- Built a real-time monitoring dashboard to improve system visibility and reduce time-to-detection for service issues.
- Implemented WebSocket-based live metric streaming to support operational awareness.
- Orchestrated multi-replica deployments on Kubernetes (k3s) to simulate distributed production environments.
- *Tech: Kubernetes, Docker, Node.js, Redis, WebSocket, Helm, Linux*

AI-Powered Book Recommendation Service - ML Systems Engineer | Independent Project | 2026

[GitHub](#) | [Demo](#)

- Built a Python recommendation service using semantic similarity to improve results beyond keyword matching.
- Exposed model-backed functionality via REST API and automated deployment with GitHub Actions.
- Deployed behind NGINX on Linux to support reproducible model-serving environments.
- *Tech: Python, Flask, REST API, GitHub Actions, NGINX, Linux*

EDUCATION

The Evergreen State College - Olympia, WA

December 2024

Bachelor of Science in Computer Science and Software Engineering

Coursework: Data Structures & Algorithms, Operating Systems, Databases, Software Engineering, Networking, AI/ML