

Jonathan Warner

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EDUCATION

Bachelor of Science in Computer Science, GPA: 4.0/4.0, Trine President's List
Trine University – Angola, Indiana

May 2028

SKILLS EXPERIENCE

Languages: Python, JavaScript, SQL, HTML, CSS

Frameworks/Libraries: Next.js, FastAPI, Tailwind CSS

Databases: PostgreSQL, MariaDB

Developer Tools/Platforms: Git, Gitlab, Docker, Linux/Unix, Oracle Cloud, RESTful APIs, Agile Methodologies

Other: Teamwork, professionalism, adaptability, software design, software development, software testing

PROJECT EXPERIENCE

Oracle Cloud VM: *Community Minecraft Server*

- Architected and deployed a Minecraft server on Oracle Cloud VM running Linux OS, supporting up to 20 friends and community members while managing server performance and resource optimization.
- Developed containerized server deployment using Docker and Pterodactyl Panel, reducing setup and maintenance time by 60% and enabling streamlined management of multiple server instances.
- Implemented Cloudflare DNS and CDN services for custom domain management and DDoS protection, improving connection stability and reducing latency by 30% for players with low internet speeds.

REST API Microservice: *Game Session Server*

- Designed a lightweight Python microservice with FastAPI for managing user friendships and game sessions, allowing for optimized real-time data interactions between game clients without a continuous connection.
- Built scalable backend infrastructure by containerizing the FastAPI service with Docker as well as a PostgreSQL database, allowing for dynamic data storage and swift deployment.
- Implemented JWT-based authentication and authorization in conjunction with OAuth2 for simple and secure user login functionality, preventing unauthorized access to sensitive information.

WORK EXPERIENCE

Martinrea International: *Information Technology Intern*

May 2025 - August 2025

- Spearheaded domain migration of 120+ machine operator kiosks while developing and maintaining detailed documentation, massively reducing network overhead by uniting systems under one corporate policy.
- Created a robust and easy-to-use PA system for meetings, increasing audibility for listeners farthest from the speaker by more than 30% and resulting in improved team cohesion and communication.
- Monitored and resolved various operator issues and system malfunctions, reducing machine downtime and increasing productivity through quick response times and troubleshooting endeavors.

Johnny's Markets: *Crew Leader*

August 2024 - April 2025

- Interviewed and trained five employees while collaborating with a team of 14, increasing morale and reducing work related stress on team members by more than 25% by improving workload distribution.
- Managed routine store operations in place of management, allowing for an increase in productivity and a 15% reduction in labor costs due to reduced managerial work hours.
- Collaborated with team members to perform quarterly deep cleaning runs of the worksite, resulting in multiple 98%+ scores on white-glove inspections.