

# Jonathan Warner

Michigan, USA | [github.com/JDubbs89](https://github.com/JDubbs89) | [linkedin.com/in/jonathanwarnercs](https://linkedin.com/in/jonathanwarnercs) | [jonathanwarnercs.com](https://jonathanwarnercs.com)

## TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript, SQL, HTML, CSS
- **Web Technologies:** React, Next.js, TailwindCSS
- **Databases:** PostgreSQL, MariaDB, Microsoft SQL Server
- **DevOps & Tools:** Postman, Docker, Git, Oracle Cloud, Linux, CLI
- **Other:** Teamwork, professionalism, adaptability, software design, software development, software testing

## EDUCATION

**Trine University** Indiana, USA  
Bachelor of Science in Computer Science, Cybersecurity Minor, GPA: 4.0/4.0 Aug 2024 — Jun 2028

## PROJECT EXPERIENCE

**Oracle Cloud VM: Community Minecraft Server** Sep 2024 — Dec 2024  
Docker | Linux | Oracle Cloud ([jonathanwarnercs.com/projects/Community\\_Minecraft\\_Server](https://jonathanwarnercs.com/projects/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 Manager** Jun 2025 — Aug 2025  
FastAPI | Python | PostgreSQL ([github.com/JDubbs89/session-management-microservice](https://github.com/JDubbs89/session-management-microservice))  
• 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.  
• Tested API endpoint functionality using Postman to easily debug problems during development, allowing for rapid iteration and ensuring data integrity.

## WORK EXPERIENCE

**Martinrea Industries** May 2025 — Aug 2025  
Information Technology Intern Michigan, USA  
• Collaborated with IT analysts on domain migration of 120+ machine operator kiosks while developing and maintaining detailed documentation, reducing network overhead by unifying 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** Aug 2024 — Apr 2025  
Crew Leader Indiana, USA  
• 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.