

Matt Hritzko

Software Engineer

☎ 612-876-2044 | ✉ matthewhritzko@comcast.net | <https://www.linkedin.com/in/matthritzko/>

SKILLS

- Java | C# | Kotlin | Jetpack Compose | Python | SQL | HTML | JavaScript | SQLite | PostgreSQL | Git
- Operating Systems | Microservices | Backend | AWS | Azure | Google Cloud | DevOps | Agile

WORK EXPERIENCE

John Deere US: *Software Engineer Intern* 01/2024 – 05/2024

- Developed a full stack app for tracking and updating internal project metrics and allowing streamlined report creation
- Reduced report generation time by 99% using custom built **C#** API
- Provided client progress reports and implemented new features efficiently using agile methodologies

Trynzie: *Software Engineer Intern* 05/2023 – 08/2023

- Processed upwards of 500 million rows of data using new features developed in **C#**, **Azure** and **PostgreSQL**
- Implemented new system to allow testing client maps against internal systems on playground environment
- Saved 100+ hours yearly by creating and modifying scripts to automate deployments over a distributed **Kubernetes** system

Target: *Guest Services Advocate* 08/2018 – 05/2019

- Delivered exceptional customer service by efficiently processing transactions ensuring accuracy in cash handling, and assisting customers with product queries in a fast-paced environment
- Maintained a clean and organized checkout area, ensuring a welcoming and safe shopping experience for all customers
- Demonstrated strong attention to detail by verifying items, applying discounts, and managing returns while adhering to store policies and procedures.

PERSONAL PROJECTS

Fitness App & Live Demo Fall 2024 – Current

- Composing fitness tracker using **Kotlin** and **Jetpack Compose** to track fitness progress
- Built ML-powered rep analysis feature to detect improper form and count reps accurately using pose estimation from MediaPipe.
- Deployed a live demo environment on **Google Compute Engine** using **Docker** containers to showcase the fitness app's functionality in a cloud-based setup accessible via web browser.

[fsws.fyi](#) – **Intern and New Grad SWE Job Board** Fall 2024

- Built website using **HTML** and **JavaScript** which collects and publishes job postings from top tech companies displaying 20,000+ postings
- Displays focused and relevant feed of jobs using **AWS** and **Java** to update hourly
- Minimized operational costs using **SQLite** database while maximizing client side performance

EDUCATION

North Dakota State University || Fargo, ND August 2020 – May 2024

B.S. Computer Science | Deans list – Fall 2020, Spring 2023, Fall 2023

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Machine Organization and Programming, Software Engineering, User Experience/User Interfaces, Object-Oriented Programming