

Riley Chometa

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HIGHLIGHTS OF QUALIFICATIONS

- **Full-Stack Software Engineer with 3+ years of experience designing and developing scalable systems.**
- Mentored and guided teams of up to 7 members, conducting regular code reviews to ensure maintainable code.
- Eliminated 100% of environment configuration errors through containerization.
- Contributed to a reduction in code defects by 60% through utilization of Test-Driven Development.
- Delivered a reliable and scalable solution with 99.9% uptime on Azure.

SKILLS & INTERESTS

- **Languages:** TypeScript, Java, Python, C#, SQL
- **Frameworks:** Next.js, React, ASP.Net, Angular, Unity
- **Other:** PostgreSQL, Docker, Azure
- **Interests:** Home Server Management (Linux)

EXPERIENCE

Friends of the Saskatoon Afforestation Area Inc. (FSAAI)

Jun. 2021 – Present

Lead Volunteer Developer | Jul. 2024 – Present

Saskatoon, SK, Canada (Remote)

- **Collaborated closely with clients** to understand requirements and deliver tailored solutions.
- **Maintained and enhanced** existing Angular and ASP.Net application through troubleshooting critical issues, upgrading existing software, and implementing new features.
- Implementing GitHub Actions for **automated testing**, ensuring seamless integration and **code quality**.
- **Mentored and trained junior team members** while enforcing high coding standards through code reviews.

Contract Developer | Jun. 2021– Feb. 2022

Saskatoon, SK, Canada (Remote)

- **Collaborated in a team of 4** using agile methodologies to design, develop, and test a mobile focussed Angular app with an ASP.Net RESTful API and CMS panel, and a SQLite database.
- **Successfully deployed** the Progressive Web App to Azure Cloud using Docker, **delivering a reliable and scalable solution with 99.9% uptime.**

Saskatchewan Polytechnic - Digital Integration Centre of Excellence (DICE)

Jun. 2021 – Jan. 2025

Student Research Assistant

Saskatoon, SK, Canada (Hybrid)

- **Reduced development time** and **eliminated environment configuration errors** by containerizing development and production environments, **ensuring 100% consistency and reliability.**
- **Collaborated in cross-functional teams** to design, test, and develop web apps using different tech stacks depending on the clients needs, including TypeScript, PHP, MongoDB, Docker, Symfony, and Next.js.
- Translated business requirements into technical specifications, architecting scalable solutions.

PROJECTS

Realm of Nightmares, Repository Manager

Class Project

- **Collaborated in a team of 7** to develop a procedurally generated Unity game, **achieving a grade of 100%.**
- **Adopted as a teaching resource**, illustrating achievable standards for approximately 100 students annually.
- **Project:** github.com/Riley-Chometa/realm_of_nightmares **Demo:** unclepyroh.itch.io/realm-of-nightmares

Prairie Forest Guide, Developer

Class Project

- **Worked in an agile team** to develop a maintainable Android app, REST API, and CMS for the client.
- Leveraged **Test-Driven Development** to ensure a robust code base, **resulting in a 60% reduction in defects.**

EDUCATION

Computer Science, Bachelor of Science, University of Saskatchewan

Saskatoon, SK, Canada

Computer Systems Technology, Diploma, Saskatchewan Polytechnic

Saskatoon, SK, Canada