

# Riley Chometa

[linkedin.com/in/riley-chometa/](https://linkedin.com/in/riley-chometa/) ❖ [github.com/Riley-Chometa](https://github.com/Riley-Chometa) ❖ [chometa.me](https://chometa.me)

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## HIGHLIGHTS OF QUALIFICATIONS

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- **Full-Stack Software Engineer with 3+ years of experience and a strong preference for backend 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

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

## EXPERIENCE

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### 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

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### 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](https://github.com/Riley-Chometa/realm_of_nightmares)      **Demo:** [unclepyroh.itch.io/realm-of-nightmares](https://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

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Computer Science, Bachelor of Science, University of Saskatchewan

*Saskatoon, SK, Canada*

Computer Systems Technology, Diploma, Saskatchewan Polytechnic

*Saskatoon, SK, Canada*