Riley Chometa

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WORK EXPERIENCE

Friends of the Saskatoon Afforestation Area Inc. (FSAAI)   **Jun. 2021 – Present**
Lead Volunteer Developer | Jul. 2024 – Present   *Saskatoon, SK, Canada (Remote)*
- **Collaborated with stakeholders** to support their existing Angular and ASP.Net MVC application by reporting, tracking, and resolving critical issues, upgrading their existing software, and building new features.
- **Performed code reviews** and approved pull requests to ensure code quality, maintainability, and extensibility.
- **Implemented CI/CD pipeline** using GitHub Actions, incorporating automated testing, streamlining repository management, improving deployment efficiency, and reducing development time.

Contract Developer | Jun. 2021– Feb. 2022   *Saskatoon, SK, Canada (Remote)*
- **Collaborated Closely with the stakeholders** to design, develop, and test a mobile focussed web app with Angular for the frontend, ASP.Net MVC for the RESTful API and admin panel, and a SQLite database.
- **Deployed the Progressive Web App** to Azure Cloud using Docker to enhance scalability and reliability.

Saskatchewan Polytechnic - Digital Integration Centre of Excellence (DICE)   **Jun. 2021 – Jan. 2025**
Student Research Assistant   *Saskatoon, SK, Canada (Hybrid)*
- **Collaborated in cross-functional teams** to design, test, and develop web apps using modern technologies including TypeScript, PHP, MongoDB, Docker, Symfony, and Next.js, depending on the clients needs.
- **Simplified deployment**, improved scalability, and reduced environment configuration errors through containerization of the 3-tier microservice web application using Docker, enhancing overall system reliability.
- **Translated business requirements into technical specifications**, architecting scalable solutions.
- **Reduced project delivery time by 25%** company wide by creating technical guides for key technologies.

PROJECTS

Prairie Forest Guide, Developer   **CPMG280**
- **Worked closely with a cross-functional team** to develop a maintainable and performance optimized Android app with C# and Xamarin, and a REST API backend and admin web panel using C# and ASP.Net Core MVC.
- **Leveraged Test-Driven Development** to ensure a robust code base for the Android and web application.
- **Collaborated closely with clients** to discover, analyse, and define software requirements.

Long Covid Web Portal, Build Manager   **CMPT371**
- **Developed a microservice architecture web application** using React, Express, PostgreSQL, and Docker.
- **Managed GitHub repository and CI/CD pipelines** for automated deployment and code quality checks.

Portfolio Website   **Personal Project**
- **Designed and developed** a personal portfolio website using React & Next.js (App Router & Server Actions), TypeScript, Tailwind, Framer Motion, React Email & Resend, and Vercel for hosting.

EDUCATION

Computer Science, Bachelor of Science, University of Saskatchewan   *Saskatoon, SK, Canada*
Computer Systems Technology, Diploma, Saskatchewan Polytechnic   *Saskatoon, SK, Canada*

SKILLS & INTERESTS

- **Languages:** Java, C#, PHP, Typescript
- **Frameworks:** Spring Boot, Next.js, React, ASP.Net
- **Databases:** PostgreSQL, Neo4j, MongoDB
- **Testing:** Unit, integration, regression, end-to-end
- **Other:** Docker, Azure, AWS
- **Interests:** Home Server Management (Linux)