RILEY CHOMETA

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TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML, PowerShell, BASH, Java, C#
Frameworks & Libraries: Flask, React, Auth0, ASP.Net Core
DevOps: Docker, Kubernetes, Liquibase, GitHub Actions, Azure, Nginx, PostgreSQL, SQLite, MongoDB, Neo4j

EXPERIENCE

Software Developer   May 2025 – Present
ACF Associates Inc.   *Remote, Canada*
- Reduced project setup time by 97% for 20+ developers by utilizing Docker containers for a consistent environment
- Boosted developer productivity across 6 teams, saving 10+ hours per month and ensuring a zero-error database sync, by developing a new process to automate database schema versioning with Liquibase
- Slashed OAuth and SAML SSO authentication setup time for on-boarding existing clients to new applications from weeks to minutes by creating a reusable authorization library, immediately adopted across 4 client applications
- Increased knowledge-sharing between teams with over 60 articles by spearheading the creation of an internal wiki
- Secured over 60 API endpoints and 30+ pages by replacing a frontend-only, role-based authorization model with a backend+frontend permission-based system for multiple applications

Software Engineer (Volunteer, On-Call)   Jul 2024 – May 2025
Friends of the Saskatoon Afforestation Area Inc.   *Remote, Canada*
- Troubleshooted and resolved critical issues in the ASP.Net REST API and CMS, ensuring system reliability
- Improved system stability by implementing automated testing using GitHub Actions

Student Research Assistant   Jun 2021 – Jan 2025
Saskatchewan Polytechnic - DICE   *Remote, Canada*
- Drove a 62% acceleration in UI prototyping by refactoring React components using atomic design principles
- Designed, developed, and tested a reliable safety inspection tracking system in TypeScript and PHP
- Mentored a new team member on project tasks, accelerating their onboarding and contribution
- Architected technical guides on Neo4j, MongoDB, and Docker, as well as a SQL/NoSQL database comparative analysis, each used by over 40 engineers, resulting in improved developer efficiency
- Developed machine learning course content for C2R2 precision agriculture courses (surgemicrocredentials.com) and data management course content (emilicanada.com/data-initiative/data-literacy/)

Software Engineer (Freelance)   Jun 2021 – Feb 2022
Friends of the Saskatoon Afforestation Area Inc.   *Remote, Canada*
- Designed, developed, and tested a mobile-focused Progressive Web App in a 4-person team with Google Maps API
- Architected the tracking of a users distance between pins, enabling the core functionality of the app
- Achieved 100% deployment and development environment consistency through containerization
- Deployed containerized frontend, backend, and database to Azure

PROJECTS

Long Covid Web Portal | *TypeScript, React, Express, PostgreSQL, Docker*   Jan 2023 – Mar 2023
- Collaborated in a cross-functional team of 8, assisting with learning new technologies and troubleshooting
- Took over leadership of a struggling team and successfully met original deadlines with a complete project
- Reduced linting and production errors by 94%, by implementing branch protection, automated testing, and linting
- Implemented CI/CD pipeline using GitHub Actions to a self hosted server for testing and pre-release deployment

EDUCATION

University of Saskatchewan   Saskatoon, SK
Bachelor of Science in Computer Science   *Sep 2021 – Jun 2024*

Saskatchewan Polytechnic   Saskatoon, SK
Diploma in Computer Systems Technology   *Sep 2019 – Jun 2021*