

# Ryan Wilson

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Geraldton

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## Summary

Passionate and results-driven programmer with over 5 years of experience in software development and a strong focus on cloud-based solutions. Proficient in **TypeScript**, **Vue.js**, and **Machine Learning** with a proven track record of delivering high-quality applications. Adept at creating scalable microservices and data analytics solutions that drive business growth. Seeking to leverage my expertise in a challenging new role.

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## Experience

### Software Engineer

**Tech Innovators Inc.** — Geraldton, WA

*March 2020 - Present*

- Developed and maintained a **Data Analytics Dashboard** using TypeScript and Vue.js, enhancing data visualization for over 1,000 users, leading to a 30% increase in user engagement.
- Implemented microservices architecture for the company's flagship **Mobile App**, improving scalability and reducing deployment time by 40%.
- Spearheaded a team of 5 in the design and deployment of an **API Gateway**, resulting in improved API response times by 50%.
- Conducted machine learning experiments that improved predictive analytics accuracy by 25%, directly impacting customer satisfaction.

## Junior Developer

**NextGen Solutions** — Geraldton, WA

*June 2018 - February 2020*

- Collaborated on the development of a **Content Management System** that automated content updates for clients, reducing manual work by 60%. - Gained hands-on experience with AWS, contributing to cloud infrastructure projects that reduced operational costs by 20%. - Assisted in the migration of legacy applications to microservices, increasing system reliability and performance.

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## Skills

- **AWS** (Advanced)
  - **TypeScript** (Advanced)
  - **Vue.js** (Advanced)
  - **Machine Learning** (Advanced)
  - **Go** (Intermediate)
  - **Python** (Intermediate)
  - **Microservices** (Intermediate)
  - **Git** (Expert)
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## Projects

- **Data Analytics Dashboard**

Developed a comprehensive dashboard that aggregates and visualizes data from multiple sources, enabling real-time analytics for decision-makers.

- **Mobile App**

Led the development of a cross-platform mobile application that serves over 5,000 daily active users, featuring an intuitive UI and real-time notifications.

- **Content Management System**

Created a robust CMS that supports dynamic content updates and has been adopted by 15+ clients.

- **API Gateway**

Designed and implemented an API Gateway that has streamlined access to various services, enhancing performance and security.

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## Certifications

- **Google Cloud Professional**
  - **Docker Certified Associate**
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## Education

**Bachelor of Science in Computer Science**

**University of Western Australia — Perth, WA**

*Graduated: 2018*

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## Additional Information

- Actively contribute to open-source projects and engage in programming communities.
- Passionate about continuous learning and regularly completing online courses related to new technologies and best practices.