

Alex Ruddell

Backend Software Engineer

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WORK EXPERIENCE

Intouch Technology Group | Remote

Senior Full Stack Software Engineer

Jan 2024 - Present

- Delivered high-impact features to meet **complex stakeholder requirements** in small, cross-functional agile teams using **.NET** and **Blazor**.
- Built reliable integrations between **external APIs** and **.NET systems**, with a strong emphasis on **security** and **stability**.
- Introduced a consistent, easily extensible **full-stack testing strategy** for .NET applications, strengthening system stability and reducing regression risk.
- Owned and resolved **performance** issues identified during sprint cycles, using **Jmeter** and **.NET profiling** tools to verify application speed and reliability under load.
- Coordinated **technical support** for **live production issues** under pressure, working across teams to restore service to clients in a timely manner.
- Drove a **positive** and **collaborative** team culture by organising team-building and social initiatives, **mentoring** junior developers, and contributing to **agile process improvements**.

Sandfield Associates Limited | Auckland, New Zealand

Solution Developer

Apr 2023 - Jan 2024

- Developed and maintained complex **T-SQL SQL server backend systems** to support **high throughput** workloads and maintain **scalable performance**.
- Proven experience in **stored procedure** optimisation to improve system **performance** and **stability**.
- Active contributor to **technical documentation**, agile **process improvement**, and team knowledge transfer.
- Provided efficient **client-facing technical support** for high priority **live system incidents**.
- Collaborated closely within **cross-functional teams** for **rapid implementation and testing** of critical features.
- Made significant contributions towards **team culture** and agile ceremonies, helping **alleviate stressors** and **improve workflow** across the entire team.

Olympic33 | Auckland, New Zealand

Full Stack Software Engineer

Mar 2021 - Apr 2023

- Built modular and reusable software in **C#** and **.NET framework** to achieve a **tenfold reduction** in new project **implementation cost and time**.
- A key contributor in small, high performing teams to deliver **production-ready ecommerce solutions** generating **million-dollar annual turnovers**.
- Implemented an **ElasticSearch**-enabled frontend to **reduce search result latency** by a **factor of twenty**, contributing to **improved user experience** and **increased financial turnover**.
- Liaised directly with **clients** to translate **user stories into functional requirements** and high-level financial estimates, delivering the greatest value for limited budgets and timelines.
- **Designed** and developed **new Blazor libraries** to improve software reliability and consistency between applications, saving hundreds of hours in maintenance overhead annually.

MY OTHER PROJECTS

Spotify Overlay Widget

Swift

2025 - Present

Developing a custom flexible desktop widget for macOS to overlay currently playing songs and next-up queue information from Spotify to improve personal workflow.

AI Risk Management Plugin

Semantic Kernel, Azure AI Foundry, NextJS, .NET Framework

2025 - Present

Partnering with an insurance risk management firm to develop an AI-based plugin for popular accounting and payroll software that provides risk insurance, mitigation, and management advice based on financial reports.

CULTURE AND LEADERSHIP

Social Event Coordinator

Intouch Technology Group

Mar 2025 - Present

Primary organiser and advocate for internal social events such as company-wide weekly virtual catch-ups and quizzes.

Social Committee Member

Sandfield Associates Limited

Mar 2023 - Jan 2024

Facilitated and coordinated multiple company-wide social events and activities with 100+ attendees.

Internship Programme Coordinator, Company Culture & Event Co-Lead

Olympic33

Mar 2022 - Mar 2023

Re-introduced an internship programme structure to facilitate the growth of future designers and software engineers, managing the onboarding of 5 new interns and graduates. Co-organised all company social events and activities both virtually and in-person.

EDUCATION

Bachelor of Mechatronics Engineering (Hons)

The University of Auckland

Mar 2017 - Nov 2020

- **First Class Honors** (GPA 7/A- average).
- **Mechanical Engineering Group (MEG) Award** for Excellence in Honours Project.
- Sir Colin Maiden Scholar in **Dean's Leadership Programme**.