Ronan Quigley

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https://ronanquigley.com

Profile

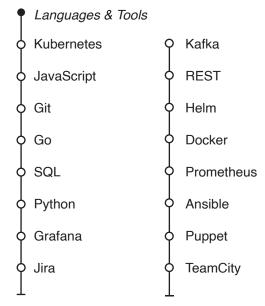
A results-driven and versatile principal software engineer with a proven track record of delivering high-impact solutions in complex, large-scale environments. Experienced in continuous integration, delivery and deployment as part of cross-functional and self-directed teams. Adept at leveraging microservice architectures to build scalable and maintainable distributed systems. Enjoys tackling a range of problems with a user-focused mindset, all whilst being a collaborative team player.

Latest Work

Findmypast - Jul 2018 to Present Principal Software Engineer

- Worked with a remote, distributed team on a family history product featuring billions of searchable records.
- Led an engineering effort to gain a 12x increase in capacity to our entitlements system, successfully handling the 1921 census release with zero downtime.
- Reduced development build times of our front-end monolith from 60 seconds to 1 second, dramatically improving developer productivity.
- Planned and executed the migration of a feature toggle management system from JavaScript to Go, yielding a 3x latency improvement and 10x reduction in resource consumption.
- Re-architected a broken, unmaintained transactional email system into a robust and extensible system, resulting in 100% uptime.
- Delivered a machine learning stack migration to Kubernetes, enabling fully automated CD pipelines.
- Leveraged LLMs for structured data extraction on newspaper clippings, converting over half a million images into accurate, searchable text.
- Achieved a 3x increase in machine learning model throughput by optimising our GPU sharing strategy.
- Facilitated several workshops on DevOps practices and internal tooling, educating engineering teams on best practices.
- Maintained multiple Kubernetes clusters, ensuring high availability and scalability as part of the DevOps team.
- Evaluated and provided constructive feedback on architecture proposals across various engineering teams to enhance system design and performance.
- Collaborated with non-technical stakeholders, aligning product requirements with engineering execution.
- Conducted technical interviews and reviewed code assessments as part of the recruitment team.
- Mentored and onboarded new hires into engineering teams, ensuring smooth integration and knowledge transfer.
- Participated in an on-call rotation as a first responder to site incidents, troubleshooting under pressure to ensure minimal downtime.

<u>Skills</u>



Achievements

2016 Scottish BAFTA award winner (game category).

Secured £30,000 of business funding at the 2015
Scottish Edge fund competition.

References

Available upon request.