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Ronan Quigley

Profile

I am a results-driven and versatile software engineer, with a proven track record of delivering impactful solutions in complex, large-scale environments. Experienced in continuous integration, delivery, and deployment, I excel at building scalable and maintainable distributed systems with robust telemetry. I enjoy 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

- Working 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.
- Implemented distributed tracing across microservices by using OpenTelemetry, enabling end-to-end request monitoring.
- Delivered a machine learning stack migration to Kubernetes, enabling fully automated CD pipelines.
- Leveraged LLM APIs 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 workshops on DevOps practices and internal tooling, educating engineering teams on our development standards.
- Maintained multiple Kubernetes clusters, ensuring high availability and scalability.
- Evaluated and provided constructive feedback on architecture proposals across various engineering teams to enhance system design and performance.
- 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.
- Collaborated with non-technical stakeholders, aligning product requirements with engineering execution.

Skills

Languages & Tools

- | | |
|------------|----------|
| Go | Kafka |
| JavaScript | REST |
| TypeScript | Helm |
| Python | Docker |
| Grafana | Ansible |
| Prometheus | Puppet |
| SQL | TeamCity |
| Git | React |

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.