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Profile

A results driven and versatile software engineer. I strive to deliver on time and with strong attention to detail, all whilst being a collaborative team player.

Latest Work

Findmypast - Jul 2018 to Present Senior Software Engineer

- Worked on a family history product featuring billions of searchable records.
- Practiced continuous integration, delivery and paired programming.
- Obtained full stack and devops expertise as part of cross functional and self-directed teams.
- Tested developed applications using test and behavioural driven development.
- Reduced development build times of our front-end monolith from 60 seconds to 1 second.
- Maintained multiple kubernetes clusters as part of the devops team.
- Scaled an entitlements system to 12x live traffic target, achieving an 8x performance gain in response times.
- Added monitoring, alerting and instrumentation to services using Prometheus and Grafana.
- Performed multi-variant testing of new features.
- Created an agile monitoring tool that was used across the business using Jira's REST API.
- Co-developed architecture proposals for transactional emails and private messaging systems.
- Collaborated with non-technical stakeholders in the development of new product features.
- Reviewed code tests and drove technical interviews as part of the recruitment team.
- Onboarded new hires into a given engineering team.

Skills

● Languages & Tools

○ Kubernetes
○ JavaScript
○ C#
○ React
○ Postgresql
○ Prometheus
○ Grafana

○ Kafka
○ GraphQL
○ Git
○ Docker
○ Graylog
○ SQL
○ Helm

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.