

Ben Kalmus

Portfolio <https://benkalmus.com>
Email contact@benkalmus.com
LinkedIn <https://www.linkedin.com/in/benkalmus>
Git <https://github.com/benkalmus>

Software Developer

<https://bet365.com>

Bet365

UK's Leading online gambling company

Manchester

March 2021 - Present

Contributor to Core Systems Department, serving real-time odds and event data at millisecond latency to the live bet365 website.

Achievements

- Significantly reduced lost revenue due to arbitrage betting by delivering anti-scrapers mechanism blocking >10% of malicious client traffic.
- Optimised company system monitoring Elasticsearch (ELK) stack reducing ~30% of data usage, increasing data retention time.
- Contributed to the successful launch of bet365's services in US and Oceania, helping to provision a new production environment as part of a cross-functional team.

Responsibilities

- Bridging the gap between technical and non-technical stakeholders by gathering requirements and delivering presentations to cross-functional teams.
- Provide on-call support for live issues and cover during major sport events such as FIFA World Cup.
- Deliver projects in a dynamic environment (such as sudden regulatory changes), while maintaining strict quality standards.
- Ensuring comprehensive testing and documentation.
- Facilitating onboarding for new team members.

Education

Liverpool Hope University 2017 - 2020
Computer Science BSc **1st Class Honours**
Holy Cross College 2013 - 2015
Mathematics, Physics, Computer Science **A A A**

Main expertise

- Golang
- Erlang
- Elixir
- SQL
- Bash
- Docker & Jenkins CI/CD
- Riak (NoSQL DB)
- MS SQL & PostgreSQL
- Elasticsearch (ELK) Stack
- Linux RHEL RPM packaging
- Splunk Cloud Platform

Profile

As an aspiring Senior Software Engineer, my objectives extend beyond writing code to deliver success for your business:

- Implement comprehensive **Business Continuity Management (BCM)**
- Eliminate **single points of failure**
- Integrate **redundancy** measures
- Provide **fault-tolerant** solutions
- Gain **real-time insights** into system health
- Streamline **deployment** processes
- Minimize **downtime** due to updates, maintenance and system failures

Engineering skills

- **Monitoring & Alerting** at scale
- Distributed **Trace & Logging** for microservices
- **Test Driven** Development: Integration, End-to-end, Continuous Testing
- Applying **SOLID, DRY, KISS**, and **YAGNI** principles
- **DevOps**: automating infrastructure deployments
- **Replication & Sharding**