Glen Thomas

STAFF SOFTWARE / PLATFORM ENGINEER

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Profile

With more than ten years of expertise as a Senior Software Engineer, I specialise in designing and implementing sophisticated software systems. My profound knowledge of modern programming languages and software architecture, coupled with a commitment to best practices, enables me to devise elegant solutions for complex challenges. I excel in communication and thrive in collaborative, cross-functional team environments, consistently delivering high-quality products on schedule and within budget constraints.

Employment History

Staff Software Engineer (Platforms), M&S, London

January 2024 — Present

- Led the design and implementation of high-quality internal developer platforms for front and back end products.

- Championed M&S's standard development frameworks and policies, ensuring widespread understanding and adoption across teams.

- Provided mentorship and knowledge sharing to junior engineers, enhancing team expertise and cohesiveness.

- Played a crucial role in product planning and roadmap development with an agile approach.

- Engaged actively in Communities of Practice, promoting technological innovation and sharing best practices.

Azure, Kotlin, TypeScript GitHub Actions, Terraform, React

Senior Platform Engineer, Cazoo, London / Hybrid

June 2022 — January 2024

- Design, build, and sustain the software platform underpinning our company's diverse products and services.

- Collaborate closely with product teams to gauge their needs, tailoring the platform to meet these requirements effectively.

- Prioritise creating a platform that is scalable, reliable, and secure, ensuring optimal performance and trust.

- Develop comprehensive documentation for the platform, including detailed architecture diagrams and runbooks, to facilitate understanding and maintenance.

- Mentor junior engineers, engage in pair programming, and conduct thorough code reviews to uphold high standards of code quality and engineering excellence.

AWS, TypeScript, Python, GitHub Actions, Terraform, Lambda

Links

[LinkedIn](#)

[glen-thomas.com](#)

[StackOverflow](#)

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Senior Engineer, Intelligent Lilli, Remote (UK)
January 2022 — June 2022

- Design and develop APIs that serve both internal teams and customer-facing applications, using advanced programming techniques in Clojure and Python.

- Oversee the management of a vast fleet of deployed IoT devices on the AWS platform, ensuring smooth operations and optimal performance.

- Process and analyze streams of IoT data to feed into machine learning pipelines, enhancing the functionality and intelligence of our systems.

Clojure, Python, AWS, ECS, Postgres, IoT (MQTT)

Senior Software/Platform Engineer, Moonpig, London
December 2018 — December 2021

- Develop tools and establish patterns to assist product teams in transitioning from a legacy web application to contemporary, cloud-based technologies.

- Take on a pivotal role in reconstructing the entire estate from scratch, offering expert architectural guidance throughout the process.

- Facilitate the transition from self-hosted and centrally managed CI/CD tools to robust, self-service SaaS pipelines, ensuring reliable deployments through the use of infrastructure-as-code practices.

- Manage a multi-account AWS organization, implementing least-privilege access controls to enhance security.

- Design and implement advanced federated GraphQL tooling to optimise the integration and performance of GraphQL microservices.

C#, TypeScript, AWS, GitLab, Terraform, Lambda

Software Engineer, ASOS, London
October 2017 — December 2018

- Collaborate on the development of high-throughput, low-latency e-commerce web services using the Microsoft Azure and .NET Framework technology stack.

- Utilise a distributed microservices architecture linked through REST APIs and Azure Service Bus to ensure high availability, rapid performance, and robust resilience.

- Employ a Kanban methodology to develop solutions with a test-first mindset, supported by fully automated CI/CD pipelines to streamline deployment and enhance quality assurance.

C#, .NET, REST, SQL, Azure, ARM IaC, Service Bus

Senior Software Developer, BGC Partners, London
January 2017 — October 2017

- Develop a cutting-edge equity derivatives broking platform focused on order management, leveraging state-of-the-art technologies to meet high-performance demands, scalability, reliability, and compliance with financial regulations.

- This mission-critical, MiFID II compliant application will transition from a traditional .NET desktop framework to a modern AWS cloud-hosted web client.

- Utilise HTML5 and React for frontend development, with .NET Core WebAPI for microservices architecture, employing CQRS and Apache Kafka.

C#, .NET, WPF, REST, SQL, Kafka, AWS

Senior Software Developer, Betway, London

February 2015 — January 2017

- Develop and maintain sophisticated N-tier .NET applications in-house, focusing on service development and seamless integration with external third-party APIs.

- Utilise a service-oriented architecture facilitated by RabbitMQ messaging to ensure efficient and reliable inter-service communication.

- Embrace rapid development cycles, consistently delivering new software releases to the business on a daily basis to drive continuous improvement

C#, .NET, WPF, SQL, RabbitMQ

Education

BSc Computer Science, University of Brighton, Brighton

2003 — 2008

A-level Computing, Maths, Physics and Electronics, Long Road 6th Form College, Cambridge

2001 — 2003