

Georgi Ivanov

📍 Didcot, UK | ✉ jorkataiwanow@gmail.com | ☎ 07564 545654 | 🌐 georgiivanov.dev

🌐 linkedin.com/in/ivanov-georgi | 🐙 github.com/georgi-ivanov19

Summary

Senior Cloud Consultant at Storm Reply UK, promoted to Senior Consultant (SC1) in Jan 2026 after consistently operating at the senior level. Specialise in **serverless and event-driven architectures on AWS** (Lambda, API Gateway, DynamoDB, Cognito, CloudWatch) and the platform tooling that lets small teams ship enterprise software fast. Lead engineer on Storm UK's **Serverless Web Application Accelerator** - a TypeScript/Terraform monorepo with a reusable infrastructure-module library, ephemeral per-branch sandboxes, and a Bedrock-backed RAG module, now used across multiple client engagements and the architectural basis of an emerging product. Hold seven AWS certifications including **Solutions Architect - Professional**, plus an Azure associate.

Skills

Cloud: AWS (Lambda, API Gateway, DynamoDB, Aurora, Cognito, CloudWatch, S3, SQS, EventBridge, SNS, IoT Core, Bedrock, Organisations), Microsoft Azure

Platform & DevOps: IaC (Terraform, CloudFormation, Checkov, tfint), GitHub Actions, Docker, Linux, pre-commit, Jira, Confluence

Languages: TypeScript, Python, C# / .NET, SQL, Bash

Web & App Development: React / React Native / Vue / Next.js + Vite, Tailwind, shadcn/ui; deployed on CloudFront / Cloudflare / Vercel

AI Development: Amazon Bedrock, AgentCore runtime, RAG architectures, Claude Code / Cursor

Practices: Event-driven / microservices, TDD & integration testing, RBAC / OIDC, FinOps, technical mentoring & hiring

Experience

Senior Consultant - AWS Cloud & Platform Engineering, Storm Reply – Remote, UK Feb 2024 – present

- Promoted to **Senior Consultant** in Jan 2026, recognised for delivery leadership across multiple enterprise engagements and lead engineer for Storm UK's internal platform and softwareengineering capabilities.
- Currently a **Lead Architect & Engineer** on a £0.5mil **Cloud migration & modernisation** for a specialty-glass manufacturer after securing the project thanks to my pre-sales architecture design. Migrating and modernising two production applications: a **private QA system** reachable only over **site-to-site VPN** from the corporate network with all AWS traffic kept internal, and a **public customer portal** for worldwide customers. **Multi-AZ** across both stacks, cross-region backup strategy with customer-facing **DR runbooks** complying with parent-company resiliency policy, on-prem → AWS database migration and ongoing replication. Also building a **Bedrock AI agent** that triages customer complaints by correlating manufacturing and QA data to produce root-cause analysis and containment proposals. Both stacks are built on Storm UK's **Serverless Web Application Accelerator**.
- **Lead architect and maintainer** of Storm's **Serverless Web Application Accelerator**. Designed and leading the evolution of a TypeScript/Terraform monorepo that can bootstrap multiple production-ready AWS applications in minutes: multiple React SPAs sharing a reusable package layer (UI components, Tailwind design tokens, Cognito auth and group-based RBAC); a curated **Terraform module library** covering API Gateway + Lambda (with custom authorizers), Aurora, VPC, Cognito, CloudFront-fronted SPA hosting with automatic failover, CloudWatch dashboards/alarms with SNS routing, AWS Budgets + Cost Anomaly Detection, and a production **Bedrock RAG module** backed by Aurora pgvector.
- Accelerator developer experience: **per-branch ephemeral sandboxes** via Python orchestration (state-key per branch, auto-destroyed on PR close in CI), local Lambda development with SAM and hot reload, CLI wizards for scaffolding new API paths + Lambdas + Terraform config, pre-commit security gates (Checkov, tfint, terraform-docs), and a Jekyll docs site with auto-synced module READMEs. Now adopted across multiple client engagements and the architectural basis of Storm's emerging **SPARK** product.

- Architected an **enterprise mobile-app solution** for a *multi-billion-pound global industrial manufacturer*, designing an AWS-native architecture meeting global-scale, HA, DR and data-protection requirements; partnered with AWS Solutions Architects and a partner consultancy across all business departments to land an enterprise-grade design. Won stakeholder trust by translating ambiguous requirements into concrete proposals, receiving unprompted external feedback noting *excellent business understanding far beyond the technical brief*.
- Acting **administrator of Storm UK's internal AWS Organisation**, where I introduced **AWS Budgets and Cost Anomaly Detection**, decommissioned unused resources, and stood up a shared-networking account with central DNS, reducing internal spend by ~20% and aligning the org with AWS Well-Architected practices.
- Owned an **enterprise IAM integration** between **Microsoft Entra ID** and **Amazon Cognito** end-to-end for a *UK enterprise manufacturer*, covering OIDC flows, attribute mapping and secure token exchange. Pre-emptively re-architected an ALB-fronted auth pattern that would have blocked phase-2 RBAC needs, enabling fine-grained role-based access without compromising security; documented the resulting patterns as a reusable internal blueprint.
- Took over as **Lead Engineer** on an **IoT platform** for a *FTSE-listed UK energy utility*, stepping into an unfamiliar IoT domain after senior colleagues were pulled to other engagements; delivered EC2-based device simulation, IoT Core auto-provisioning, telemetry capture and a Grafana operational monitoring dashboard end-to-end.
- Co-author and present **Stormcademy** learning sessions for graduates, and co-own the **engineering-recruitment workstream**, where a colleague and I authored and documented the interview process now used by all new interviewers; also mentor C2/C3 engineers.

Full-stack Software Engineer, The Access Group (ProspectSoft) – Remote, UK

June 2023 – Feb 2024

- Part of a 5-engineer **SCRUM** team building a SaaS CRM platform on **Microsoft Azure** (Vue + TypeScript, C# / .NET, SQL/NoSQL)
- owned a third-party platform integration end-to-end across infrastructure, backend and frontend.
- Hackathon: won the **divisional award** and shortlisted for the overall best-entry award at a 2-day Microsoft-backed **Azure Cognitive Services** hackathon.

Junior Software Developer (Industrial Placement), ProspectSoft – Oxford, UK

Aug 2021 – Sept 2022

- 14-month industrial placement on the same SaaS CRM product - implemented features and bug fixes across a .NET / Vue / Azure stack; led recruitment of the next year's placement cohort; awarded a full-time return offer at the end of the placement, taken up post-graduation.

Education

University of Surrey, BSc (Hons) in Computer Science – Surrey, UK

Sept 2019 – July 2023

- **First Class Honours**, overall grade **86%**.
- Awarded the **Fivium Prize** for best overall performance by a final-year student in *Advanced Challenges in Web Technologies*.
- Notable coursework: distributed-systems PoC cryptocurrency on the Paxos consensus algorithm in Elixir (**100%**, best-coursework prize); Dissertation on cloud-native vs monolith performance analysis on Blazor / Azure Container Apps (**83%**, [video essay](#)).

Certifications

AWS: Solutions Architect - Professional · Solutions Architect Associate · Developer Associate · Data Engineer Associate · SysOps Administrator Associate · Cloud Practitioner · AI Practitioner

Microsoft Azure: Developer Associate (AZ-204)