Andy Evans

Senior DevOps & Platform Engineer · Sheffield, UK
Remote (UK), or hybrid in Sheffield / East Midlands

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Profile

Platform engineer with 15 years in software. At Razor Ltd I run the delivery platform for DataQI, an AI platform: Kubernetes on AKS and on-prem, GitOps with Argo CD, CI/CD in Azure DevOps and GitHub Actions, and self-service environments through Backstage. My background is full-stack C# and .NET, so I build platforms the way developers want to use them, and I treat the engineers who ship through them as my clients.

Skills

CLOUD & PLATFORM	Azure · Kubernetes · AKS · Helm · Backstage · Infrastructure as Code · Bicep · ARM templates · Ansible · Cloudflare · On-prem infrastructure
DEVOPS & CI/CD	Argo CD · GitOps · Azure DevOps YAML pipelines · GitHub Actions · Docker · Containerisation · Ephemeral environments
SOFTWARE	C# · .NET 10 · Python · TypeScript · SQL Server · REST APIs · Azure Functions · Vue
TESTING	XUnit · TestContainers · Integration testing · Test automation
AI	LLM API integration · AI-assisted development · Agentic coding tools · Claude Code
ARCHITECTURE & LEADERSHIP	Software architecture · Microservices · Technical leadership · Mentoring · Client workshops

Experience

Senior Software Developer

Apr 2021 – Present Sheffield, UK

Razor Ltd

Senior engineer at a software and AI consultancy, running the platform engineering for DataQI, an AI platform, alongside leading client delivery.

- Run the DataQI platform end to end: all customer environments and 20–30 ephemeral environments a month, across Azure and on-prem infrastructure, Kubernetes clusters on AKS and on-prem, GitOps deployments, and the CI/CD pipelines the team ships through.
- Investigated and introduced Argo CD, then made GitOps the way the whole business deploys. It now runs every DataQI environment.
- Introduced ephemeral environments on top of Argo CD, initially hosted on AKS. Labelling a pull request now gives any developer or tester their own deployment of DataQI in about 10 minutes, where before it took the best part of a day and so rarely happened at all.
- Later moved those environments off AKS and onto an on-prem Kubernetes cluster, cutting hundreds of pounds per month from the Azure bill. Built and provisioned the cluster myself with Ansible.
- Built a self-service environment system with Backstage, so non-technical colleagues can create their own instance of DataQI on demand, without needing an engineer.
- Built an AI code summariser for the team, fronted by an Azure DevOps extension and backed by a secured Azure Functions API running the LLM calls.
- Lead multi-skilled delivery teams and own the technical direction of client solutions, including client-facing workshops.
- Mentor other engineers across the business, formally and informally.

Solution Architect

Jan 2020 – Apr 2021 Sheffield, UK

Arcadis Gen

Technical leader on a microservice-based SaaS platform that sat at the core of a new business offering.

- Lead developer and architect for a greenfield microservice SaaS platform on Azure: set its technical standards and deployment approach, and led its build, deployment and verification.

Senior Software Engineer

Oct 2018 – Dec 2019 Sheffield, UK

SEAMS

Senior developer on the company's enterprise software and a new microservice-based SaaS application.

- Feature development, bug fixing and maintenance of the company's enterprise software.
- Led a test automation project that cut the manual effort in regression testing.
- Coached new developers and drove adoption of newer technologies across the team.

Career break

Jun 2018 – Oct 2018

New Zealand and Australia

Five months travelling in New Zealand and Australia.

Software Engineer

May 2017 – May 2018 Wotton-under-Edge, Gloucestershire, UK

McMurtry Automotive Ltd

Built a driver interface for a high-performance electric vehicle, integrating software with in-car electronics over CAN bus.

- Delivered the in-car driver interface end to end for a works prototype, integrating directly with vehicle electronics over CAN bus. The prototype laid the groundwork for McMurtry's record-setting Spéirling.
- Produced development tooling for the engineering team, including an ECU configuration tool and remote data logging via AWS.

Software Developer

Jan 2014 – Apr 2017 Maidenhead, Berkshire, UK

Active Risk (now Riskonnect)

Web developer on a leading enterprise risk management product.

- Maintenance and development of the flagship enterprise risk management product, including a major rewrite of the front-end in AngularJS.
- Introduced test automation suites and maintained the build and deployment pipelines, increasing reliability and confidence in the finished product.

Earlier career

Business Development Project Team, Mercedes AMG High Performance Powertrains 2013
Liaison between business stakeholders and an external development team replacing SAP procurement processes.

IT Graduate, Mercedes AMG High Performance Powertrains 2011–2013
Graduate rotation across 1st to 3rd line IT support and internal systems. Microsoft certified Windows 7 Enterprise Desktop Support Technician.

IT Intern, Macquarie Bank 2010
Built SQL reports and Excel macros for account reconciliation and internal auditing.

Education & certifications

BSc Computer Science (2:1), University of Sheffield 2008–2011

Microsoft Certified: Azure Developer Associate Jul 2023