

Kieron Harding

Location: Basingstoke, Hampshire

Email: me@kieron.xyz

About me.

I've been with Security Watchdog since January 2017, where I initially provided triage and support to internal and external clients, deployed updates to our web apps, and played a key role in the change control process. Over time, my role evolved into managing and optimizing our Core Platform, which supports multiple businesses within Matrix Security Watchdog. My experience spans across Azure, Linux VMs, SQL databases, and a wide array of other tools and services crucial to maintaining a secure, stable, and high-performing infrastructure.

In my current role as a Senior DevOps Engineer, I lead the efforts to ensure the platform is not only operational 24x7x365 but also continuously improving to meet the demands of our growing businesses. I work closely with Technical Architects, manage expectations with key stakeholders, and mentor junior engineers, all while driving automation, enhancing security, and ensuring that our systems scale seamlessly to handle increasing throughput.

Current role - Senior DevOps Engineer

Matrix Security Watchdog

MARCH 2024  PRESENT

In recognition of my growing expertise and leadership within the DevOps domain, I advanced to the role of Senior DevOps Engineer at Matrix Security Watchdog. In this role, I lead the design, implementation, and optimization of our infrastructure on the Core Platform. I oversee critical initiatives, ensuring the robustness, security, and scalability of our systems. My responsibilities include mentoring junior engineers, driving continuous improvement in our CI/CD processes, and collaborating with cross-functional teams to deliver a reliable 24x7x365 service. I continue to work extensively with Terraform, Kubernetes, Azure, and Gitlab, with a focus on enhancing automation, security, and operational excellence across the platform.

Previous Recent Roles

DevOps Engineer

Matrix Security Watchdog

NOVEMBER 2020 ➡ MARCH 2024

With my learning of our new products launching growing in my previous role, an opportunity was given to take a DevOps Engineer role in Security Watchdog. My main role is to be responsible for supporting, implementing, and monitoring the infrastructure on our Core Platform. Working with Terraform, Kubernetes, Azure and Gitlab to deliver a 24x7x365 service with an emphasis on security and frictionless delivery to enable our product teams to launch their applications on the platform.

Digital Solutions Consultant

Security Watchdog

FEBRUARY 2019 ➡ NOVEMBER 2020

With our department undergoing some change, with a new IT Director, I had shown in a short amount of time that I had extensive knowledge of our Cloud infrastructure, InfoSec policies as well as current and future projects. I had been asked to take this new role that would put me into a more senior position within the IT team. In this time, I have changed our approach to Cloud security with the implementation of tools like Azure Sentinel, Headed up a migration of telephony systems for our operational floors, worked closely with Microsoft to control and resolve business critical issues as well as supporting the Infosec teams with their queries and supporting delivery of change under a controlled process.

Skills and abilities.

- **Programming Skills:** Proficient in JavaScript, VB, HTML5, and CSS3, with a strong foundation in coding for automation, infrastructure as code, and application development.
- **Cloud Infrastructure Management:** Extensive experience working with Azure, including monitoring web apps, managing Linux VMs, and optimizing cloud infrastructure for performance, security, and scalability.
- **DevOps Expertise:** Skilled in Terraform, Kubernetes, Gitlab, and CI/CD pipelines, with a focus on automating deployments, maintaining 24x7x365 uptime, and driving continuous improvement in infrastructure and processes.
- **SQL Proficiency:** Competent in writing SQL queries, including basic mathematical and string commands, query optimization, and database modifications to support application performance.