





**MD** Dan Slinky

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## >\_Introduction

- Technical experience and leadership on diverse projects in **Platform Engineering**, **SRE**, and **DevSecOps** roles, focussing on container orchestration and seamless integration.
- Proficient in  **Docker**,  **Kubernetes**, and the wider Cloud Native ecosystem, with expertise in **GitOps**, **CI/CD**, and **Infrastructure as Code (IaC)** on **AWS**, **GCP**, and **Azure**.

I'm an experienced Engineer, adept at designing, developing, and maintaining diverse projects, specialising in platform optimisation, ensuring security, and integrating self-service. I can collaborate effectively across multidisciplinary teams, tackling technical challenges and enhancing organizational processes. I'm committed to delivering functional, maintainable, scalable, and observable solutions, and I'm passionate about driving innovation, fostering continuous learning, and promoting team growth.

## Career


### Hergersheimer GmbH

#### 2024 Freelance sysadmin

- Focussing on **Linux** health information systems management and document retrieval, platform documentation, and **Lua** scripting. I'm responsible for the deployments of **OPNSense**, **XCP-ng**, self-hosted **Infisical** and **Cloudflare**.

### Adarga

#### 2022/23 Lead Platform Engineer

- As a technical leader in the Platform Engineering and SecOps team, I oversaw operations for a multi-tenanted AI SaaS platform for Enterprise and Defense customers utilizing **Terragrunt**, **Terraform**, on <sup>aws</sup>, and other platforms.
- Promoted robust security and secrets management, aligning with stringent customer requirements and integrating SecOps practices into deployment pipelines. Utilized **CI/CD** tools such as  **GitHub Actions**, **CircleCI**, and **ArgoCD** to facilitate efficient and reliable deployments while ensuring compliance with security standards and protocols.
- Spearheaded a significant AWS cost reduction initiative, championing **FinOps** practices and optimizing cloud cost reporting using tools like [opencost.io](https://opencost.io), kubecost, **Prometheus**, and SysDig. I implemented strategies to foster service ownership and identified areas for further optimisation, emphasising the importance of financial responsibility and efficiency within the organisation.
- Collaborated on OpenTracing/Telemetry implementation to enhance application observability and performance, particularly in environments utilizing **Kafka** and Benthos for message routing.
- I expanded the platforms **SSO** offering by implementing **SAML**, **Azure AD** integration, supported by Auth0. I also assessed the technical feasibility of Plausible web analytics and contributed to implementations of Tigergraph and Neo4j.

#### 2017/19 DevOps Engineer

- Instrumental in establishing the foundation of a **Kubernetes** SaaS platform using a microservices architecture with Kafka, **Python**, Java, Node.js, and **React** SPAs. Contributed **OAuth2**, **API** management with **Kong**, **nginx**, and collaborated closely with engineering and *data science* teams.

## Cookpad

### 2021 Site Reliability Engineer

- Transitioned to the SRE team, assuming a broader global platform responsibility and collaborating closely with colleagues at Cookpad Japan. Embraced learning **Golang** and leveraged the power of **Jsonnet**.
- Collaborated with SRE team members to enhance documentation, address on-call incidents, lead **Kubernetes** migrations, and fulfill ad hoc support requests. Additionally, contributed to platform stability and automation by utilizing **Helm** and **Ruby** within our infrastructure.

### 2020 Machine Learning Infrastructure Engineer

- Initially joined the **MLOps** team on a short-term contract, concentrating on Kubernetes observability before transitioning to a permanent role. Focused on deploying **Elastic** and **Prometheus**, **Thanos** for extended metric storage, coupled with **Grafana**, **Loki** to promote ownership of ML applications during deployment.
- Revamped Kubernetes application distribution and deployment methods by utilizing Kustomize and Flux CD. Also evaluated Kubeflow/Argo Pipelines for potential future investment, solidifying our commitment to enhancing ML application deployment processes and promoting machine learning capabilities in the organisation.

## Systems Administrator, Torchbox, 2015-2016

- Supporting agency business and customer digital infrastructure including **Drupal** and **Wagtail** deployments.
- Led the relocation of the Bristol office, ensuring a seamless transition. Established a fully operational workspace by Monday morning through deployments of fibre optic, Ubiquiti unifi, VOIP, and MikroTik.
- Explored a **Kubernetes** deployment alongside **Sensu**, **Consul** and **Riemann** to enhance the agency's infrastructure. I also demonstrated my resilience in June 2016, tackling challenges with determination and composure.

## Operations Engineer, Future, 2013-2015

- Managed global web properties utilizing CDNs, **nginx**, PHP, **RabbitMQ**, and **Puppet** for infrastructure as code (IaC), with continuous deployment facilitated by `rmq://`.
- Led initiatives for data center and **Xen/XCP** infrastructure consolidation and upgrade. Designed and implemented enhanced storage solutions, incorporating recommended LACP groupings and integrating an advanced storage array for improved reliability and performance.

## Drupal DevOps Engineer, Eurostar, 2011-2013

- Lead **DevOps** for the successful relaunch of eurostar.com, utilizing **Drupal** and **ActiveMQ**, collaborating with SNCF. Implemented **CI/CD** pipelines using **Jenkins**, **Puppet**, and **Capistrano**.
- Provided technical guidance, overseeing Global Load Balancing solutions and provided training for Mumbai teams, fostering global collaboration.

## Operations Engineer, Sift, 2009-2011: Drupal, CentOS, Xen, VMWare/ESXi

## BA (Hons) Information Systems Analysis at UWE, Bristol, 2009

## Technical Student, CERN, Switzerland, 2007-2008

Linux, PXE, tftpbboot, ia64, Perl, XML/RPC & Oracle

## BTEC National Diploma IT Practitioner at Cornwall College, 2005

## CISCO Certified Network Associate, CISCO Academy, 2004

 Hobbies include , , and 