Cobin Bluth

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Cloud Solutioning, Systems Automation, Linux Enthusiast
I find most open source technology cool and exciting. I have a passion for engineering development, distributed computing, and secure technologies. I enjoy being engaged on an effective and coordinated team and working towards a common goal.

Highlights

- Enterprise Linux Administration (Ubuntu, RHEL, Debian, CentOS)
- Bare-metal Provisioning (IPMI, iDrac, Redfish, PXE)
- Cloud Providers (AWS, Azure, GCP, VMware)
- Scripting and Development (Bash, Golang, Typescript, Python)
- Continuous Integration/Deployment (Jenkins, Gitlab, Teamcity)
- Virtualization (VMWare, KVM/Libvirt)
- Container Management (Kubernetes, Docker, OpenShift)
- Enterprise Storage (Minio, GlusterFS, EMC, NetApp)

- Adept at Microservice Architecture (Kubernetes, Openshift, EKS, ECS, AKS)
- Infrastructure as Code (Terraform, Cloudformation)
- Systems Integration Automation (REST, gitops, cron, Ansible)
- Systems Security and Compliance (PCI-DSS, HIPAA, CIS)
- Network Management/Automation (DNS, VPN, Firewall, Routing, etc)
- Version Control via git (GitLab, Github)
- Performance Monitoring (Prometheus, NewRelic, Jaeger, Thanos, Grafana)

Professional Experience

IMC Trading BV • Amsterdam, NL   Jan 2024 – current
Senior Systems Reliability Engineer (Trading Infrastructure Team)

At IMC I play a pivotal role in automating and optimizing systems and services that are central to the development lifecycle and artifact delivery. I work closely with the Linux Team in automating provisioning and CICD systems. I also work closely with development teams to improve their experiences using the platform.
(Git, AWS, Bash, Python, Golang, Puppet, Kubernetes, Helm, Prometheus, Postgres, Nexus, Harbor, Nginx, Teamcity)

iptiQ EMEA • Hoofddorp, NL   July 2023 – Dec 2023
Senior Systems Reliability Engineer

At iptiQ I am part of a team of SREs that work on designing, deploying, operating, and continuously improving performance and fault-tolerance of high-availability services in multiple environments, ensuring uptime, security, and stability, from development to production. Help keep environments up-to-date and free from known issues, in compliance with security frameworks and compliance guidelines. Build cicd pipelines for gitlab.
(Gitlab, AWS, Golang, Python, Ansible, Istio, Prometheus, Terraform, Helm, Oracle, WebLogic)

Mobiquity BV • Amsterdam, NL   Jan 2021 – July 2023
Principal DevOps

At Mobiquity I co-lead a team of Devops Engineers who engaged in different projects and contexts. I was also in a full-time role on contracted projects, and typically centered around cicd, containerization, cloud infrastructure, architecture solutioning, documentation and knowledge sharing.
Projects:

- Banque Saudi Fransi, Riyadh - **Infrastructure Architect**

- Integration project with a greenfield api environment over an existing core banking layer, including cicd. Lead devops functions, supporting requests from several different teams and competencies. Work directly with project stakeholders and technical leads.
(Openshift, CICD, Java, Typescript, Golang, Oracle, IBM, Temenos, Backbase, RTS/X, Jenkins, Android, iOS)
- Kuwait International Bank, Kuwait City - **Senior Devops Engineer (CICD)**
    - Digital transformation project for retail banking mobile, mainly focused on cicd, development environments, and interfacing with developer teams.
    (Kubernetes, Openshift, CICD, Ansible, Python, Android, iOS, Java, T24, SAG, Typescript, Backbase)
- Monjasa, Denmark - **Senior Kubernetes Engineer (Azure)**
    - New Fleet Management project for tracking vessels and inventory. Set up fresh DTAP environments and CICD systems.
    (Azure, Kubernetes, Helm, Terraform, dotnet, Typescript, Golang, Prometheus)

Aigent BV • Amsterdam, NL   July 2018 – Jan 2021
Director of DevOps

At Aigent I lead a small team to build infrastructure for a machine learning voice recognition platform that processes audio calls in real-time. Design and build cloud networking infrastructure to support scaling virtual networks inside a cluster of baremetal hypervisors. Strong focus on compliance with standards (PCI, Agile).

- Build abstracted cloud infrastructure across multiple "baremetal" cloud providers.
- Automate network and VPN connectivity for multiple regions.
- Research and development for extending the platform (gpu, machine learning).

Backbase BV • Amsterdam, NL   Feb 2018 – July 2018
Senior DevOps Engineer

At Backbase I designed systems for integrating into existing environments of financial institutions. I worked mainly in AWS, Terraform, Docker, and Kubernetes. I also performed on-site client consultations, and coached best practices for integrations.

- Pilot a program for migrating internal projects into a microservice architecture based on kubernetes.
- Perform onsite consulting for systems/network with customers.
- Work on a team as part of research and development for future products.

Bypass Mobile • Austin, TX, US   July 2016 – Feb 2018
Senior DevOps Engineer

Work among a team of DevOps Engineers. Manage infrastructure completely based in AWS. Ensure uptime of applications via on-call rotation. Work closely with developers from many different departments, ensure code gets shipped safely and in a timely manner. Build and debug CI/CD pipelines.

- Replace an older SOA model with a microservice model based on kubernetes.
- Perform onsite inspection/troubleshooting/setup with hardware/network for customers.
- Perform PCI audits with auditors, maintain PCI compliance in the infrastructure.

ZoomCare • Hillsboro, OR, US   Oct 2014 – July 2016
DevOps Engineer

Work closely with Developers to build systems and cicd pipelines. Management of VMWare, CentOS, JBoss, Artifactory, GitLab, Jira. Manage systems and equipment across 31 storefront locations in Washington and Oregon. Administer production CentOS VMs. Worked rotation on Rapid-Response team supporting issues for 300+ users across multiple locations. Set up systems for newly opened clinics in Seattle and Portland.

- Developed a highly available, redundant microservice architecture based on JBoss, Docker, Postgres, and HAProxy, allowing for mid-day rolling releases.
- Automated deployment of artifacts to development and production environments.
- Migration of several services to AWS, including the main website.

Now Nerd Corp. • Beaverton, OR, US   Aug 2011 – Oct 2014
VP of Operations

Started as the Director of Support role, lead and direct daily operations of the company. Helped grow the company from 4 to about 100 employees. Managed groups of technicians to cover support hours in a technical support call center. Work closely with the CEO and other stakeholders on development of new offerings. Go on sales calls to help sell the service.

- Configure and maintain PBX server and voip equipment and cabling at the office.
- Configure and maintain a small group of servers at colocation.
- Coach and help the support technicians.

[Data Doctors](#) • Arlington, TX, US   June 2009 – June 2011
PC Repair - Store Manager

This was a local computer repair shop, with a storefront and sales. Sold services, computer systems, and parts. Responsible for storefront duties.. Performed component level repairs on laptops, desktops, and servers.