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**SUMMARY**Senior DevOps Engineer with over 5 years of hands-on experience designing, implementing, and scaling secure, highly available cloud-native infrastructure on AWS. Expert in Kubernetes (EKS), Infrastructure-as-Code (Terraform, Helm), and GitOps practices using Argo CD. Proven ability to reduce cloud costs by up to 50% through strategic optimization and automation. Delivered robust CI/CD pipelines supporting multiple environments, significantly improving developer productivity and system reliability. Adept at mentoring engineers, driving DevSecOps and observability adoption, and aligning infrastructure strategy with business goals.

**SKILLS**

* **CI/CD and Automation Tools**: Argo CD, Kustomize, Argo Workflow, Argo Events, Jenkins (Jenkins as a code), GitHub Actions, Helm, Terraform Cloud/Workspaces , Ansible
* **Build & Artifact Management:** Kaniko/Buildah, ECR/Docker Hub
* **Containerization and Orchestration**: Kubernetes, Docker, Docker Swarm
* **Networking:** ExternalDNS, AWS Application Load Balancer/Network Load Balancer, Nginx, Traefik, Cert-manager, Let's Encrypt, Route53, CloudFront/Cloudflare, WireGuard, AWS Virtual Private Cloud, Multi-AZ, NAT Gateway, TCP/IP
* **Monitoring and Observability**: Prometheus, Grafana, Sentry, CloudWatch Logs/Metrics, Loki/Promtail LokiStack.
* **Cloud Technologies and Services**: AWS, Karpenter, EKS, Fargate, EC2, Lambda, VPC, Elastic Beanstalk, S3, DynamoDB, Managed DB, ALB, ASG, S3/EBS/EFS and more
* **Virtualization and Bare Metal**: Proxmox VE (KVM/QEMU, LXC, Ceph integration), Harvester (KubeVirt + Rancher HCI), Rancher (RKE2 + Virt), KubeVirt (VMs on Kubernetes)
* **Security**: Hashicorp Vault, External Secrets Operator (ESO), SSO (OIDC, Dex, Google SSO), IRSA/Pod Identity, Cilium, Seccomp/AppArmor/Pod Security Standards, Trivy/kube-bench/Falco, gVisor, RBAC,  Identity Access Management (IAM), ACL, AWS ACM, Security Groups
* **Version Control Systems**: GitHub, GitLab, CodeCommit, Bitbucket
* **Relational** **Databases**: PostgreSQL, MySQL/MariaDB, Amazon RDS, Aurora
* **Non-relational** **Databases**: DynamoDB, MongoDB, Redis, Elasticsearch, etcd (Kubernetes), Prometheus TSDB
* **Programming and Scripting**: YAML, Bash, Python
* **Operating Systems**: Linux, Windows

**EXPERIENCE**

**Senior DevOps Engineer | ClientBase LLC (Aug 2022 – Present)**

* **Achieved 50% cost reduction** by architecting **100%** resource **utilization** with **Karpenter**.
* **Designed** end-to-end DevOps **architecture** to support scalable, secure, and HA **business** **systems**.
* **Mentored** **engineers** on GitOps and CI-CD practices, **improving** team **velocity** and **autonomy**.
* **Automated** end-to-end **CI/CD** pipelines, boosting engineering **efficiency** **by 45%** and system **stability** **by 70%**.
* **Engineered** **Argo CD** app delivery using **GitOps**, **reducing manual ops** and **accelerating delivery**.
* **Built resilient** **Kubernetes cluster (EKS)**, enabling production-grade deployments with **zero downtime rollout**.
* Replaced Jenkins with **Argo Workflows**, enabling fully **declarative** **pipelines**, with **GitOps integration**.
* **Built** **IaC-driven DR** strategy (Terraform + Helm), cutting **MTTR by 90%** and ensuring **99.9% uptime**.
* **Implemented Argo Events** to eliminate manual triggers and **enable autonomous**, reactive **pipelines**.
* Rolled out **PostgreSQL HA** with **PgBouncer**, **pgBackRest** backups, improving **reliability by 80%**.
* **Secured Kubernetes** workloads using DevSecOps tools: **Trivy, kube-bench, AppArmor, Seccomp, Falco.**
* **Enabled SSO** via **Dex** – unified access, increasing **security** and access **manageability** **by 100%**.
* **Implemented Argo CD** **with** Kustomize, streamlining delivery across **unlimited environments**.
* **Built Hashicorp** **Vault**-driven secrets platform, cutting **secret leaks to zero** and **securing** **delivery** end-to-end.
* **Increased** **error visibility by 65%** by deploying **Sentry** with alerts and release tracking.
* **Delivered observability** stack with **Prometheus** and **Grafana**, **preventing** user-impacting **issues**.
* **Documented** **platform** to streamline **onboarding** and cross-functional **alignment.**

**DevOps Engineer |** Vladlink LLC (Dec 2020 - Apr 2022**)**

* **Developed** hybrid CI-CD **pipelines** (cloud & on-prem), **accelerating** new **release delivery by 80%**.
* **Integrated linting, functional tests, and performance tests** to ensure code quality and efficiency, **reducing bugs** in production **by 70%**, **accelerating development** cycles **by 40%**, and **improving** overall system **stability**.
* Created and managed Kubernetes resources to **decompose monolithic applications into microservices**, **reducing deployment time by 60%**, **improving** system **scalability** **by 3x**, and **enhancing** developer **productivity** **by 50%** through streamlined workflows.
* Designed and implemented a Kubernetes-based container orchestration system using Terraform, improving **deployment efficiency by 60%** and **reducing provisioning time by 75%**.
* **Developed reusable Terraform modules**, improving **code readability** and **accelerating** future **development** **by** **25%** through enhanced reusability and maintainability.
* **Implemented multi-stage builds in Docker** images for microservices deployment in Kubernetes, **reducing image size by 40%** and **accelerating build times by 50%** while improving security and maintainability.
* **Architected** a **Hashicorp Vault**-based secrets platform that eliminated all secret exposure and enforced airtight delivery.
* **Deployed** containerized applications using **Helm Charts** in Kubernetes, introducing version control, improving maintainability, and **reducing configuration complexity by 35%**.

**Senior System Administrator |** Unilab LLC (Jul 2016 – Dec 2020)

* Led a company-wide infrastructure migration from Windows to Linux, **reducing** licensing **costs** **by 80%** and significantly **improving** system **stability**.
* Optimized server resource allocation, decreasing hardware utilization by **40%** while increasing overall performance and reliability.
* **Initiated** the transition to **containerization** with Docker and Kubernetes, **reducing** infrastructure **expenses by 50%** and **improving** resource **efficiency**.
* **Migrated critical business applications** from Windows-based environments to Linux and containerized key workloads, **reducing** operational **costs by 70%**, **increasing** **deployment speed**, and **improving scalability**.
* **Implemented** an advanced **backup** and **disaster recovery strategy**, ensuring **99.9% uptime** and reducing potential data loss risks.
* Optimized MS SQL and 1C database performance by migrating to PostgreSQL, **cutting** database-related **costs by 100%** and improving query execution speed.
* **Enhanced network security and efficiency** by replacing Windows-based DHCP, DNS solutions with Linux-based alternatives, leading to **30% faster response times** and **improved fault tolerance**.
* Replaced proprietary monitoring tools with an open-source Zabbix setup, providing real-time analytics and reducing incident resolution time by **70%**.

**Lead Engineer** | Far Eastern Federal University (Oct 2013 – Jul 2016)

* Maintained and supported Tier II data center, including high-availability infrastructure and physical security systems.
* Administered and integrated enterprise systems: Genesys Call Center, SAP-based Medical Information System, Laboratory System (1C:LIS), PACS (medical imaging), Telemedicine platform, and physical access control via PERCO.
* Delivered building-wide security management, including electronic lock control, CCTV, and smart card access integration.
* Managed internal TV broadcasting infrastructure and medical center’s public website.
* Led system upgrades and troubleshooting, minimizing downtime and optimizing user experience across 24/7 operations.

**IT Engineer** | Far Eastern Federal University (Nov 2010 – Oct 2013)

* Provided L1/L2 support for enterprise users across software, hardware, and telephony systems.
* Supported and maintained IT infrastructure, including printers, AV systems, access control, and call center platforms.
* Delivered training materials and onboarding documentation, streamlining employee ramp-up.
* Built internal knowledge base and standardized IT workflows, reducing ticket response time.
* Assisted remote employees and resolved cross-site connectivity and authentication issues.

**EDUCATION**

**Far Eastern State Technical University**Bachelor degree and Master degree in Computer Engineering. Speciality “Computers, Complexes, System and Networks”

**CERTIFICATIONS**

* [Certified Linux Administrator (LPIC-1) Linux Professional Institute (LPI)](https://cs.lpi.org/caf/Xamman/certification/verify/LPI000575464/su9dbtnbg3)
* [CKA: Certified Kubernetes Administrator](https://www.credly.com/earner/earned/badge/b9c072c9-a6a1-4242-a4d5-45fff8fcae35)
* [CKAD: Certified Kubernetes Application Developer](https://www.credly.com/earner/earned/badge/df2c1cd1-e9a2-4366-9d60-1d46d629c40e)
* [AWS Certified Solutions Architect – Associate](https://www.credly.com/earner/earned/badge/8da3d0f1-4b91-43d2-bced-fa5259dfc608)
* [AWS Certified Cloud Practitioner](https://www.credly.com/earner/earned/badge/71b060cf-d25e-4972-b888-f42201597b4a)
* [AWS Knowledge: Compute](https://www.credly.com/earner/earned/badge/15f7bd43-178b-4833-860f-9b3141000a35)
* [AWS Cloud Quest: Solutions Architect](https://www.credly.com/earner/earned/badge/ade1f0d0-8a5d-4961-b060-edd30614c067)
* [AWS Cloud Quest: Cloud Practitioner](https://www.credly.com/earner/earned/badge/a9af954a-e8c4-49c0-bca2-a3e9d374bb3e)