Harshit Bisht

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ABOUT ME

Passionate DevOps Engineer with 3+ years of experience specializing in automation, cloud infrastructure & kubernetes. Proven track record of reducing CI/CD bottlenecks, secret management, optimizing K8s clusters & deployments, writing clear documentations, designing resilient CI/CD pipelines and reducing downtime.

SKILLS

DevOps: Azure DevOps, Bash, Docker, Helm, Istio, Git, Github Actions, Crossplane, Terraform, Kubernetes
Cloud Platform: Microsoft Azure, Amazon Web Services (AWS), Google Cloud Platform (GCP)
Other Tools: Jira, Confluence, Lens, Rancher, Datadog, Postman, Office 365, VS Code, Visual Studio
Soft Skills: Problem Solving, Communication, Teamwork, Time Management, Adaptability
Languages: English (C1), German (B1)

WORK EXPERIENCE

Tangany GmbH   **Munich, Germany**
- **DevOps Engineer**   **Sept 2025 – Present**
    – Multi-version Istio (VR/DR): Configured Istio Virtual and Destination Rules to enable deployment and routing of multiple app versions, supporting complex release strategies.
    – Release Management: Automated default subset control using Azure variable groups, allowing rapid updates to the default app version for each release cycle.
    – Helm Chart Separation: Improved CI/CD workflow by separating common Helm charts (e.g., VirtualService, ServiceAccount, Roles) from app-specific charts, ensuring only meaningful changes trigger deployment pipelines.

Alankit Global GmbH   **Munich, Germany**
- **Data Processing Officer**   **Feb 2025 – Aug 2025**
    – Consulate Liaison: Closely collaborating with the Indian Consulate, Munich to facilitate consular services.
    – IT Administration: Serving as the office IT admin for the Munich ICAC, ensuring smooth operations.
    – Data Management: Utilizing Crush FTP software to process application data for 40+ passports daily.

PricewaterhouseCoopers (PwC AC)   **Bangalore, India**
- **DevOps Engineer**   **Jun 2021 – Oct 2024**
    – AKV secret management: Reduced manual update time from 2 days to 10 minutes by developing a secret rotation pipeline using Azure DevOps.
    – Multi-region infrastructure management: Created and maintained Azure infrastructure for ChatPwC across EMEA & US using Terraform modules & Azure DevOps.
    – Resolved AgentPool Bottleneck: Decreased pipeline queue by 80% via implementation of a self-hosted Azure DevOps AgentPool with Docker Agents.
    – Managed Kubernetes Clusters: Managed and upgraded Kubernetes clusters across EMEA and US without any downtime post validating the prerequisites.

Amazon   **Noida, India**
- **SDS Associate**   **Sep 2020 – May 2021**
    – Logistics Optimization: Assisted in managing logistics data for Amazon Logistics operations in North America (US & Canada) by leveraging AWS S3 and Athena.

- Knowledge Sharing & Team Support: Acted as a Subject Matter Expert (SME), mentoring 8 new associates on cloud-based logistics data management.
- Quality improvement initiative: Enhanced deliverables' quality by reviewing 100+ work items weekly and providing targeted feedback, resulting in a 20% reduction in errors and improved overall performance.

EDUCATION

Guru Gobind Singh Indraprastha University   New Delhi, India
Bachelor of Technology (*Anabin recorgnised : H+*)   **Aug 2016 – Sep 2020**

PERSONAL PROJECTS

Azure-KeyVault-AutoSync
- **Skills: Azure DevOps, Azure Key Vault, CI/CD**
- Designed an Azure DevOps pipeline to automate synchronization of secrets from Azure Library to Azure Key Vault using Azure CLI.
- Implemented object-based parameter storage, enabling retrieval of both secret names and values for secure injection into Key Vault via the Az CLI command.

Crossplane
- **Skills: AWS, Kubernetes, Crossplane, Helm, GitHub Actions, OIDC**
- Provisioned and managed AWS infrastructure using Crossplane, including VPC, subnets, NAT/Internet gateways, & route tables.
- Deployed an EKS cluster with IAM-integrated Node Groups & secure OIDC-based Kubernetes access.
- Enabled persistent storage & autoscaling via CSI driver and Cluster Autoscaler, using Helm.
- Used Minikube for local Crossplane development and validated AWS resources through kubectl.

EKS-OIDC-ArgoCD
- **Skills: GitHub Actions, AWS, Kubernetes, OIDC, Terraform, Go, ArgoCD**
- Automated AWS infrastructure provisioning using modular Terraform and GitHub Actions, leveraging S3 for remote state management.
- Built a secure CI/CD pipeline with GitHub Actions, Kaniko, and ArgoCD, eliminating AWS access keys via OIDC authentication.
- Deployed a self-hosted runner on EC2, optimizing pipeline execution for Kubernetes workloads.

GKE-CloudBuild
- **Skills: GCP, Terraform, Kubernetes, Cloud Build, Python**
- Deployed a Kubernetes cluster on Google Kubernetes Engine (GKE) using Terraform, implementing taints, tolerations, and affinities for optimized workload scheduling.
- Configured custom VPC and subnets with dedicated IP ranges for pods and services, ensuring network isolation. Used Google Cloud Build for deployments to GKE.

CERTIFICATES

- HashiCorp Certified: Terraform Associate (003)
- Microsoft Certified: DevOps Engineer Expert (AZ-400)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Azure AI Engineer Associate (AI-102)
- Amazon Web Services: AWS Certified Cloud Practitioner
- Google Cloud platform: GCP Associate Cloud Engineer
- Goethe Institut: Goethe-Zertifikat B1
- Duolingo English Test: CEFR C1 (Advanced)

Date: 26.10.2025
Harshit Bisht