

# Akshat Dhiman

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## Profile Summary

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DevOps Engineer with 3+ years of experience specializing in CI/CD pipelines, cloud infrastructure (Azure, AWS), and containerization (Docker, Kubernetes). Proven success in automation, cost optimization, and system performance improvements. Strong background in scripting (Bash, Python) and implementing Infrastructure as Code (IaC) using Terraform and ARM templates.

## Experience

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**DevOps Engineer**, Cognizant

August 2023 – Current

- Enhanced **code deployment** efficiency by **40%** by implementing automated **CI/CD pipelines**.
- Oversaw **version control systems (Git, CodeCommit)** to facilitate seamless collaboration among team members.
- Devised containerization strategies using **Docker** and **Kubernetes**, resulting in optimized resource utilization
- Developed **Python** applications for **Kubernetes** deployment **restarts** and efficient **log management**.
- Achieved a **25%** reduction in **operational costs** through effective optimization of **cloud resources**.
- Utilized various tools such as **CodeCommit, CodeBuild, CodePipeline, ECR, EKS, VPC, EC2, Resource Groups, AKS, VNET, Subnet, CIDR, Frontdoor** and **Storage** Accounts for tasks including **bash / Python** scripting and **automating** deployments.

**Cloud Infrastructure Engineer**, Cognizant

July 2021 – July 2023

- Automated cloud provisioning using **ARM templates** and **Terraform**, cutting manual efforts by **40%**.
- Optimized **system performance** with **CI/CD** pipelines and **automated deployments**, boosting response times by **30%**.
- Developed **disaster recovery strategies** that reduced downtime by **50%**.
- Maintained **99.9% uptime** through proactive **monitoring** and **rapid** resolution of issues.
- Streamlined deployments with tools like **Jenkins** and **AWS Code Pipeline** reducing cycle times by **60%**.
- Secured infrastructure by identifying and resolving **vulnerabilities**, lowering deployment issues by **35%**.

## Skill Summary

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**Proficient** : AWS , Azure, Cloud Infrastructure, Linux, Kubernetes, Docker, Bash Scripting, Terraform, Python

**Familiar**: Azure DevOps, Grafana, Prometheus, ELK,

## Education

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**Chandigarh University**,

May 2017 – May 2021

Computer Science & Engineering - Bachelor of Engineering (BE-CSE)

## Certifications

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Microsoft Certified: Azure Fundamentals (AZ-900)

Microsoft Certified: Azure Administrator Associate

Azure Kubernetes Services (AKS) – KPoint 101

## Interests and Hobbies

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Motorcycling, Adventure sports, Swimming, Trekking.

National Gold Medalist Inline Speed Skating