**AAKASH KUMAR**

As an enthusiastic candidate, I am looking for **DevOps**   
**Engineer** and **AWS Cloud Engineer role**. I excel in both   
collaborative team settings and as an independent contributor,

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| possessing a strong drive for **innovation**, **problem- solving**, and experience in **automation** and **troubleshooting**.  **PROJECTS** | Gurugram, Haryana, India  [aakshkr10@gmail.com](mailto:aakshkr10@gmail.com)  <https://www.linkedin.com/in/aakash-kumar-251ab9185/>https://www.github.com/Aakash644 |
| **Cloud Cost Optimization —** *AWS*  Implemented Lambda function that fetches all EBS snapshots owned by the same account ('self') and also retrieves a list of active EC2 instances (running and stopped). For each  snapshot, it checks if the associated volume (if exists) is not associated with any active instance. If it finds a stale snapshot, it deletes it, effectively optimizing storage costs  **End to End CI/CD Deployment** — *EKS*  Implemented a CI/CD pipeline using AWS EKS, GitHub Actions, Docker, Helm, ArgoCD, and Kubernetes. It automates building, testing, and deploying applications. Code pushed to GitHub triggers GitHub Actions to build a Docker image, run tests, and push the image to aDockerHub. Helm then deploys the  application to an AWS EKS cluster. ArgoCD ensures continuous delivery by syncing changes from GitHub to EKS.  **AWS VPC with ALB and EC2 Setup** *— Terraform*  This Terraform project sets up an AWS infrastructure with a | +91 9311896609  **SKILLS**  **AWS, GCP**  **Containerization** – Docker  **Orchestration** – Kubernetes  **Infrastructure as Code –** Terraform  **Configuration Management** – Ansible  **CI/CD** – Jenkins, Github Actions, ArgoCD  **Scripting** – Bash  **Linux**- Ubuntu  **Version Control System** - Git, GitHub  **Programming Language** - Java, Python ,C/C++  **EDUCATION** |

VPC, two subnets, an Internet Gateway, a route table, a

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| security group, an S3 bucket, two EC2 instances, and an Application Load Balancer (ALB) with a target group and listener, ensuring high availability and scalability. | B. Tech CSE, MDU Rohtak, **68 %** 2021 – 2025 Class 12thCBSE **94%** |

2019 – 2020

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| **EXPERIENCE** | Sep 2023 – Oct 2023 (Remote) | **ACHIEVEMENTS** |
| **Data and ML** |
| **GeeksforGeeks Cloud Boot camp –** |
| **Intern** | Attended and successfully completed the |
| YBI foundation | Boot camp with GCP platform. |

Explored and evaluated Python modules for data analysis and

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| machine learning, leveraging NumPy, Pandas, Matplotlib, and Scikit-learn for data manipulation, visualization, and model development. | **Google Cloud Arcade Program –** Enrolled in Google cloud Arcade Program, Attained 20+ skill badges and swags. |

**Hackerrank –**

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| **XPMC** | Feb 2024 – June 2024 (Remote) | Hackerrank five star badges |
| in Java, C/C++, python. |
| **Cybersecurity** |

**Program**   
Employabilitylife

**LANGUAGES** Studied advanced malware analysis techniques and English and Hindi methodologies. Analyzed real-world malware samples to   
identify behavior and characteristics. Practiced using   
industry-standard tools for threat detection and mitigation.

Collaborated with peers on simulated cyber incidents and   
response strategies. Completed training modules on malware   
forensics and incident handling.