Vikash Kumar

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TRU-CV by Edubuk: **Click to view verifiable CV**

Education

IIIT Naya Raipur	20 Dec 2020 - 20 Jul 2024
B.tech	GPA: **7.96/10**
Himalayan Public School	75.2%
*Class XII	CBSE*	
Himalayan International School	9.8%
*Class X	CBSE*	

Skills

DevOps   Cloud   AWS   Azure   GCP

Experience

Edubuk	29 Jan 2025 - Present

DevOps Engineer

- Google Cloud Platform (GCP): Deployed multiple EduBuk web platforms and chatbot UI on GCP Compute Engine

- Configured HTTP(S) load balancers with managed SSL certificates for high-availability access

- Managed firewall

rules, SSH access, uptime monitoring, and VM administration

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Amazon Web Services (AWS): Architected a serverless resume-job matching pipeline using S3, Lambda, Bedrock, OpenSearch, and API Gateway

- Used Amazon Bedrock for AI-based resume parsing and job matching workflows

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Indexed resume data in OpenSearch for real-time querying and scoring

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Microsoft Azure: Used Azure Blob Storage and shifted current storage from Firebase to Azure

- Evaluated Azure OpenAI services for integration into EduBuk TRUCV modules Cloud Collaboration & Planning: Partnered with AWS partner Rapyder for infrastructure design and deployment planning

- Contributed to resource allocation, scalability, and cost-efficiency decisions across AWS, GCP, and Azure

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Blockchain Integration (XDC): Automated uploading of PDFs to XDC blockchain

- Ensured every document triggered a distinct transaction for visibility on XDCScan

Projects

CI/CD pipeline for Java Application to deploy on k8s cluster	20 Oct 2023 - 20 Dec 2023

• Integration of Jenkins & Sonarqube for static code analysis,Analyze over 1000 lines of code making sure every facet of

the application meets the highest standards

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Enhanced image management and deployment processes by implementing private registry on Nexus, resulting in improved reliability and reduced deployment time

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Dockerizing and Identifying the misconfiguration in Helm Chart using datree through automated checks on various configuration parameters

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Writing script/JenkinsFile to automate the whole deployment process (fetching the code from github to deploy the code

in main branch

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Deployment of the application on Kubernetes clusterusing the helm chart which help us to manage and scale effortlessly with support for deploying across 3 different Kubernetes namespaces

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Configuring mail server and enabling pull request trigger reduces turnaround time for code integration

Deploy Netflix Clone on Cloud using Jenkins (DevSecOps)   20 Apr 2024 - 20 Jun 2024

• Constructing Docker images in Jenkins and subsequently pushing them to the private registry Docker Hub

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Scanning images with Trivy ensures vulnerabilities are identified and addressed, reducing the attack surface

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Launching the Netflix clone app on Kubernetes, guaranteeing optimal performance even during traffic spikes of up to 5000 concurrent users

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Monitoring with Prometheus, Grafana Track over 50 key metrics, including response times, error rates, and resource utilization

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Email Integration With Jenkins and Plugin setup reduce communication latency, ensuring everyone stays in the loop on every build and deployment

Courses

Cybersecurity Analyst Job Simulation | Tata Group - Forage   3 Jan 2024 - 3 Mar 2024

• Identity and access management (IAM) fundamentals

IAM strategy assessment

Crafting custom IAM solutions

Platform integration