



VIKASH KUMAR

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Education

IIIT Naya Raipur

B.Tech in Electronics and Communication engineering

84.6/100

Dec. 2020 – jul 2024

Experience

EduBuk

Jan 2025 – Present

DevOps Engineer

Lucknow, India

- 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.
- 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. Indexed resume data in OpenSearch for real-time querying and scoring.
- Microsoft Azure:** Used Azure Blob Storage and shifted current storage from Firebase to Azure. Evaluated Azure OpenAI services for integration into EduBuk TRUCV modules.
- CI/CD Pipeline Implementation:** Built and maintained CI/CD pipelines using GitHub Actions and shell scripts. Automated build, test, and deployment for React chatbot apps with zero-downtime updates.
- 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.
- Blockchain Integration (XDC):** Automated uploading of PDFs to XDC blockchain. Ensured every document triggered a distinct transaction for visibility on XDCScan.

SGS Consulting

May 2024 – July 2024

Recruiter - Management Trainee-1

Raipur, India (US Shift)

- Collaborated with US-based clients to gather detailed job requirements and finalize job descriptions.
- Sourced and screened resumes using job portals, internal databases, and referral networks to identify suitable candidates.
- Conducted daily 80-100 screening calls to potential US candidates to assess skills, experience, and communication fit.
- Coordinated interview schedules between candidates and US hiring managers, ensuring smooth communication and timely feedback.
- Managed offer negotiations, candidate follow-ups, and onboarding support to ensure successful placements in US-based roles.

Projects

CI/CD pipeline for Java Application to deploy on k8s cluster | [GitHub](#) | Jenkins, GCP, Docker, Kubernetes

- 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.
- Enhanced image management and deployment processes by implementing private registry on Nexus, resulting in improved reliability and reduced deployment time.
- Dockerizing and Identifying the misconfiguration in Helm Chart using datree through automated checks on various configuration parameters.
- Writing script/JenkinsFile to automate the whole deployment process (fetching the code from github to deploy the code in main branch).
- Deployment of the application on **Kubernetes** cluster using the helm chart which help us to manage and scale effortlessly with support for deploying across 3 different Kubernetes namespaces.
- Configuring mail server and enabling pull request trigger reduces turnaround time for code integration.

Deploy Netflix Clone on Cloud using Jenkins (DevSecOps): | [GitHub](#) | Jenkins, AWS, Docker, Kubernetes, sonarqube

- Constructing Docker images in Jenkins and subsequently pushing them to the private registry Docker Hub.
- Scanning images with **Trivy** ensures vulnerabilities are identified and addressed, reducing the attack surface.
- Launching the Netflix clone app on Kubernetes, guaranteeing optimal performance even during traffic spikes of up to 5000 concurrent users.

- Monitoring with **Prometheus, Grafana** Track over 50 key metrics, including response times, error rates, and resource utilization.
- **Email Integration With Jenkins** and Plugin setup reduce communication latency, ensuring everyone stays in the loop on every build and deployment.

Technical Skills

Languages : C, C++, JavaScript, Solidity, SQL, Bash.

Developement: Node.js, express.js, HardHat

DevOps Tools: Docker, Jenkins, Ansible, Github, AWS, Prometheus, Grafana, ThirdWeb, Ganache, Alchemy

Platform/Operating System: Windows, Linux

Responsibility & Others

- IEEE Certification of "**English For Technical professionals**".
- Solved **300+ DSA** problems on leetcode, gfg and other coding platforms in **C++** language.
- Mess representative/Secretary of our university hostel(Managing Mess of strength of total 400 students).