

HIMANSHU PANDEY

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SUMMARY

Dynamic professional with 3+ years of comprehensive experience in Cloud and DevOps. Exceptional skills in Container technologies, AWS Cloud Migration, Linux Administration, CI/CD Integration, working in agile environment Championed in cloud provisioning tools for IAAC Expertise in providing valuable insights building Data science models with Python and PySpark. Good Knowledge in building REST APIs using Flask, Django and configuring API Gateways. Implemented OpenAI (ChatGPT) to automate DevOps workflows, reducing SDLC timelines by enhancing CI/CD efficiency and predictive monitoring. Experience in AI-driven chatbots for real-time troubleshooting and automated infrastructure provisioning, improving system reliability and reducing manual effort.

SKILLS

- **Cloud Platforms:** AWS (EC2, S3, RDS, VPC, IAM, Lambda, CloudFormation), AZURE, GCP
- **CI/CD:** Jenkins, GitHub Actions, AWS CodePipeline, GitLab CI/CD
- **Configuration Management:** Ansible
- **Build & Dependency Management:** AWS CodeArtifact, Maven, Nexus Repository
- **Infrastructure as Code (IaC):** Terraform, CloudFormation, AWS CDK
- **Containers & Orchestration Deployment:** Docker, ECR, ECS, Kubernetes, Helm, EKS, AKS,
- **Scripting & Automation:** Bash, Python, Groovy
- **Database Management:** AWS AURORA/RDS, DynamoDB, MYSQL, MongoDB
- **Monitoring & Logging:** Prometheus, Grafana, CloudWatch, ELK Stack
- **Troubleshooting & Debugging:** Log Analysis, System Performance Tuning, Kubernetes Debugging, CI/CD Pipeline Issues
- **Version Control:** Git, GitHub, Bitbucket
- **System Administration & Virtualization:** Linux (Ubuntu, CentOS, Amazon Linux), Vagrant
- **Security & Compliance:** IAM (Identity & Access Management), AWS Security Groups, TLS/SSL, HashiCorp Vault, SonarQube, Nexus Firewall
- **Web & Proxy Servers:** Nginx for high-traffic web applications, improving load balancing
- ***AI-Driven DevOps Automation*– Implemented OpenAI-powered automation for CI/CD pipelines**

WORK EXPERIENCE

Devops Engineer, Techwave

Apr 2022 - Mar 2025

- Responsible for enterprise-wide CI. As part of Devops team, our efforts **help scale SDLC stack for 65k+ projects**.
- Automated CI/CD pipelines using **Jenkins and AWS CodePipeline**, reducing deployment time by 40%.
- Integrated OpenAI (ChatGPT) for AI-driven DevOps automation, reducing manual troubleshooting and for file configuration, enabling predictive monitoring.
- **Improved CI-CD security posture** by restricting the static credentials to pull/push artifacts to/from AWS Nexus
- **Managed releases for enterprise-wide devops tool chain** such as self-hosted Github Actions and Bitbucket Pipelines, Nexus using various deployment strategies and written various prober scripts and setup Monitoring/Alerting.
- As part of Sky Risk Remediation program **fixed numerous security violations** and adopted best practices in cloud.
- Lead and implemented various strategic initiatives involving **AWS shared-VPC** for bulk migration of on-premises app
- **Built Terraform modules** for onboarding applications to shared-vpc and built consolidated central cloud watch dashboards for 20+ AWS accounts.

- **Provisioned/Managed CloudFront** for critical Internet facing applications with backend services running on ECS/EKS.
- Setup various **network connectivity** and configured firewalls from GS and Folio on-prem to AWS
- As collaboration with Developer team Written **Rest-api to convert the payload to SMTP bound** for internal mail server with authentication and authorization.

Devops & Services Operations

- **Built Continuous Integration and Deployment pipelines** in Jenkins from legacy build and migrated to Jenkins2.4.. to leverage parallel builds. Change resulted in 200% reduction in cycle time.
- Created/Maintained **Ansible playbooks** for 14 Linux based & 3 Windows based applications
- Responsible for container fleet management for micro-services in ECS, Docker and Kubernetes
- Implemented Version Control and Deployment Automation solution for Database using '**Flyway**'

Cloud Inetiatvie & Devops Dashboard

- Migrated 14 on-premise applications to AWS cloud using **Lift and Shift, Replatforming and Refactoring**.
 - Member of **Cloud Center of Excellence** - Demonstrated Best practices using Well Architected Frameworks.
 - As part of Digital Transformation, collaborated with 190+ teams to onboard applications to a **centralized Grafana-Prometheus** monitoring stack by setting up instances, configuring dashboards, and enabling real-time observability through containerized deployment.
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Certifications via Corporate Learning Program

- AWS Certified Cloud Practitioner for Devops
 - Kubernetes Certificate
 - Docker Certificate.
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EDUCATION

Bachelor of Arts(BA), 2020

Veer Bahadur Singh Purvanchal University
Uttar Pradesh

CERTIFICATION

Course of Computer Concept(CCC) by **National institute of Electronics and Information Technology**

ADDITIONAL INFORMATION

- **Soft Skills:** Problem solving, Collaborative and Teamwork, Adaptability.
- **Language:** English, Hindi
- **Awards/Activities:** Successfully Implemented cloud cost optimization strategies, reducing infrastructure expenses by 35% through resource allocation, auto-scaling, and rightsizing EC2 instances.
- Successfully completed projects within deadlines, showcasing strong time management and problem-solving skills .