

# Kesar Chanana

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AWS Certified Cloud Practitioner with hands-on experience deploying scalable, secure, and automated cloud-native systems.

## Professional Experience

**Devops Engineer** (*Onebanc Technologies Pvt. Ltd.*)

**Gurugram, Haryana** 09/2024 - 03/2025

- Automated 20+ system administration tasks using Bash, PowerShell, Python, and Batch scripts, reducing downtime by 60%.
- Engineered CI/CD pipelines using GitLab, reducing deployment errors by 90% and saving release time by over 70%.
- Deployed and maintained AWS services (EC2, S3, Lambda, CloudWatch), improving infrastructure reliability by 80% through custom monitoring solutions.
- Supported backend development by integrating MySQL Docker images, enabling consistent development and testing environments.

## Certifications

**2025:** AWS Certified Cloud Practitioner

[View Certificate](#)

## Technical Skills

**Scripting Languages:** Bash, Powershell, Python, Go

**Devops Tools:** GitLab CI, Terraform, CloudWatch, Docker, GitHub Actions, Kubernetes, Jenkins

**Programming Languages:** C++, Java

**Cloud Platforms:** AWS (EC2, Lambda, S3, CloudFront, CloudWatch, RDS), Microsoft Azure (Azure DevOps, Azure Front Door, App Services), Cloud Security and Compliance (IAM, KMS, GDPR, SOC 2)

**Other Skills:** Microservices, Rest API Development, DevSecOps, Agile Scrum

## Projects

**Cloud Resume Challenge** 📁

**Tech Stack:** AWS SAM, Lambda, API Gateway, DynamoDB, S3, Route 53, CloudFront, GitHub Actions, Python, HTML/CSS

- Developed and launched a fully serverless resume website on AWS using S3, Route 53, and CloudFront, achieving global page load speeds under 1 second.
- Designed a Python-based backend with AWS Lambda and API Gateway to log visitors in DynamoDB.
- Automated infrastructure deployment with AWS SAM and CI/CD integration via GitHub Actions.

**Server Sync Automation Script** 📁

**Tech Stack:** PowerShell, Windows, Robocopy, SMB protocol, Logging, CSV, File system automation

- Engineered PowerShell scripts to automate reliable file sync across Windows servers, slashing transfer errors by 90%.
- Implemented smart retry and logging systems to catch and fix issues automatically, boosting uptime and reducing manual checks.
- Created flexible CSV-driven configs enabling targeted syncing with file age filters, saving bandwidth and speeding up deployments.

**Restaurant Rating Microservice with Kubernetes and Terraform Automation** 📁

**Tech Stack:** Docker, Kubernetes, Terraform, Java, Spring Boot

- Containerized Java REST API with Docker, achieving 100% portability; orchestrated local Kubernetes (Minikube) cluster with 2 YAML manifests (Deployment + Service).
- Automated Kubernetes Namespace creation using Terraform, enabling ⚡1 min reproducible cluster setup via Infrastructure as Code.
- Optimized Docker image (⚡25 sec build time), achieving pod startup in ⚡10 sec, with verified service accessibility via NodePort (30081).

## Online Profiles

[GitHub](#)   [LeetCode](#)

## Education

**B.E. Computer Science (7.8 CGPA)** *Chandigarh University*

2020-2024