

# KESAR CHANANA

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## Technical Skills

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**DevOps and Cloud :** CI/CD, Docker, AWS, Azure, GitLab CI/CD, GCP

**Scripting and Automation:** Bash, PowerShell, Python

**Languages:** Java, C++, Data Structures

**Developer Tools:** Git, Postman, Nginx, IIS, MySQL

## Experience

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### Onebanc Technologies Pvt. Ltd.

September 2024 – March 2025

*Devops Engineer*

*Gurugram, Haryana*

- Built and optimized CI/CD pipelines using GitLab CI/CD and Bash scripting to automate deployment flows from development to production. Collaborated with development teams to containerize applications using Docker, ensuring consistent environments and reducing configuration drift.
- Created secure scripts for inter-server communication, enabling secure file synchronization, release, and rollback processes to maintain system integrity and reliability. Deployed cloud-native solutions using AWS (EC2, S3, Lambda) and Azure, improving scalability and reducing infrastructure costs.
- Implemented comprehensive monitoring solutions to track system performance and availability, using industry-standard tools to create dashboards and alerts that reduced mean time to resolution by 40%.
- Developed and implemented automated troubleshooting scripts that identified and resolved common deployment issues, reducing system downtime by 60% and improving overall application reliability.

## Projects

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### Onebanc Technologies Pvt. Ltd.

#### Cross-Platform Deployment Tool | PowerShell, Linux, Bash, Rsync, Robocopy

October 2024

- Created tools for Release and Rollback functionality, using Rsync for Linux and Robocopy for Windows deployments.
- The Linux Deploy Tool verifies deployment build quality and conducts releases, initiating the Windows Deploy Tool for folder-specific deployments.
- Designed and implemented a modular deployment system using object-oriented PowerShell and Bash scripts, applying inheritance and encapsulation principles to create reusable components that reduced deployment time by 90%.

#### CI/CD Automation | Powershell, Bash, Gitlab CI CD

January 2025

- The pipeline begins on a developer's laptop, where code is written and undergoes repository sanity checks for efficiency before being merged or pushed to an upper branch.
- Built an efficient CI/CD pipeline utilizing optimized data structures for tracking deployment states across environments, implementing recursive algorithms for synchronization checks, and maintaining  $O(\log n)$  performance even with complex deployment scenarios.

## Personal Project

### Restaurant Rating System | Java, Spring Boot, MongoDB

May 2024

- Developed a RESTful web application enabling users to register, add restaurants, submit detailed ratings, and view top-rated establishments.
- Implemented modular services adhering to SOLID and DRY principles, ensuring maintainable and scalable code architecture.
- Utilized MongoDB for flexible data storage, facilitating efficient retrieval and aggregation of restaurant reviews and ratings.
- Designed endpoints for user registration, restaurant addition, rating submissions, and retrieval of top-rated restaurants based on average scores.

## Education

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### Chandigarh University

Sep. 2020 – July 2024

*B.E. CSE*

*Mohali, Punjab*

## Coding Profiles

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**LeetCode:** <https://leetcode.com/u/kesar1210/>