

Yash Goyal

Portfolio: yashgoyal2802.github.io

Github: github.com/yashgoyal2802

Email: yashdineshgoyal@gmail.com

Mobile: +91-9687723927

EDUCATION

- **NMIMS University- MPSTME**
• *Bachelor of Technology (Hons.) - Computer Science*

Mumbai, India
Apr 2018 - Jun 2022

SKILLS SUMMARY

- **DevOps tools:** Kubernetes, Jfrog Artifactory, Oracle Cloud, Docker, Helm, Terraform, Spinnaker, Jenkins, MySQL
- **Languages:** Python, C++, JAVA, SQL, Bash
- **Development:** React, NodeJS, TensorFlow, Django, HTML/CSS
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Efficient Task Prioritisation

EXPERIENCE

Incedo Inc. | Software Engineer

Jul 2022 - Pre

- Engineered and developed **end-to-end CI/CD pipelines** for diverse microservices, orchestrating deployments using **Helm charts**, Dockerfiles, and Kubernetes (K8s) across Java, Python, and Go languages, ensuring seamless integration and delivery.
- Optimized Dockerfiles for Node-based repositories, cutting CI pipeline execution time by 35% and significantly boosting overall productivity and efficiency in the development process.
- Devised and initiated an **automated infrastructure** solution with **Terraform**, facilitating seamless provisioning of OCI resources, including clusters and DB systems, and streamlining workflows for the DevOps team, reducing overall deployment time by 45%.
- Led the **upgrade of Kubernetes versions** across 8 clusters, implementing best practices in IaC and achieving a consistent environment configuration; the new setup is now utilized by over 30 developers for enhanced efficiency.
- Executed a strategic overhaul of **security protocols** by integrating **OCI Vault**, which refined access control processes and ensured compliance with industry regulations, benefiting over 200 users within the company.
- Architected and implemented an **Artifactory replication** strategy across two Oracle Cloud Infrastructure (OCI) regions, establishing a robust disaster recovery solution with 99.9% data availability and resilience.
- Spearheaded the optimization of artifact storage by **automating cleanup processes** with a Python-based script, **reducing** unnecessary storage consumption **by 36%** and lowering overall operational costs.
- Consolidated **release management** processes for the SaaS framework, integrating automated testing tools that enabled quicker identification of bugs; achieved a decrease in production errors by 32%, benefiting over 5 teams.
- Managed **20+ end-to-end production releases**, including major GA releases, ensuring **100% on-time delivery** and zero critical post-release issues.

PROJECTS/INTERNSHIP

PHEME Software | *Software Development Intern*

May 2021 - Jun 2021

- Launched an intelligent web application that generates personalized coursework for users, enhancing the learning experience and driving a 30% increase in user satisfaction ratings collected through post-course surveys.
- Engineered a robust product deployment pipeline on Heroku that streamlined the release process, decreasing deployment time by 50%, allowing for more frequent updates, and improved feature delivery to end-users.
- Constructed an **SVM classifier** that processed user performance data to generate detailed learning plans, leading to a reduction in time spent on course selection by 50% among users navigating the platform.

Safe Pe |  *GitHub*

Sep 2021 - Oct 2021

- Designed a custom hybrid encryption strategy maintaining high efficiency and security for payment gateways.
- Implemented AES + ECC encryption algorithms, which helped us to leverage the high speed of AES and security from ECC, making the algorithm 86% more effective than the existing encryption algorithms.
- Created a REST API using the Django REST framework for processing transactions.

HONOURS AND AWARDS

- **ICE (Innovation and Customer Excellence) Award:** Recognized for outstanding contributions in driving innovation and delivering exceptional customer satisfaction within the organization. - Incedo - Feb 2024
- **Gold Medal and Dean's List:** Recognized with the Gold Medal for outstanding academic performance and listed on the Dean's List for maintaining top-tier academic excellence - Btech. (Hons) 2022
- **Finalist** in ACM's International Competitive Coding Competition **Semicode** - 2021