Yash Goyal

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EDUCATION

NMIMS University- MPSTME   July 2018 - May 2022
B.Tech (Hons) in Computer Engineering   *CGPA 3.88/4.0*
(Rank holder in the University)

WORK EXPERIENCE

Incedo | Software Engineer   July 2022 - Present

DevOps Automation and Infrastructure Provisioning:

- Engineered and executed 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.
- Innovatively optimized Dockerfiles for Node-based repositories, slashing CI pipeline execution time by 33%, enhancing overall productivity.
- Architected and automated infrastructure provisioning with Terraform (IaC), crafting scripts for OCI resources like Clusters, Buckets and Redis streamlining deployment processes.

Infrastructure Management and Upgrades:

- Spearheaded Kubernetes version upgrades across all clusters, seamlessly implementing improvements while maintaining system stability using Infrastructure as Code (IaC) principles.
- Championed security enhancements by designing and implementing OCI Vault setup for the SaaS framework, fortifying data protection and access control.

Release Management:

- Orchestrated end-to-end releases of the SaaS framework, including major GA releases, ensuring flawless transitions to production environments and delivering unparalleled user experiences.

PROJECTS/INTERNSHIPS

StandWeSpeak | *Full Stack Developer Intern*   Nov 2020 - Jan 2021

- Worked on the discussion forum for the company's website.
- Used React.js for frontend and developed an awesome user interface from scratch. Also, used Node.js and MongoDB for the Backend.

Pheme Software | *Software Development Intern*   May 2021 - June 2021

- Developed an AI-Powered we app to create personal coursework for users.
- Used **Django framework**, **Postgres database**, HTML/CSS and deployed it on **Heroku**
- Used **SVM classifier** to generate personalised learning plan

Safe Pe | 🔗 *GitHub*   Sept 2021 - Oct 2021

- Designed a hybrid encryption strategy for payment gateways
- Implemented AES + ECC hybrid encryption method for securing payments
- Created a REST API using Django REST framework for processing transactions

TECHNICAL SKILLS

DevOps: **gitlab-ci, Jenkins, Kubernets, Helm, Docker, Terraform, Spinnaker, OCI, Artifactory, Shell Scripting**
Languages: **Python, C/C++, Java, HTML/CSS**
Development: **React, Node.js, Django, MongoDB, Expressjs, Netlify, PostgreSQL, Dart, JSON**
Data Analysis: **Pandas, NumPy, Matplotlib, etc**

ACHIEVEMENTS

- **Third Highest** CodeChef rating in my college, and also a **finalist** in international Competitive Coding Competition **ACM's Semicode 2021**

- Ranked in **top 2%** in Machine Learning Competitions on kaggle