PRERIT JAIN

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Skills

- AWS | Azure | CI/CD | Jenkins | Docker | Kubernetes | Terraform | Ansible | Maven | Gradle | Git | GitHub | GitLab | Grafana | SonarQube
- Cloud Computing | Unit Testing | Nexus | JFrog Artifactory | Docusaurus | Kafka | Kibana | Keycloak | MinIO | Postman | Bash | Shell
- Python | GoLang | Java | SpringBoot | JavaScript | Selenium | Protractor | Cucumber | JMeter | Prometheus | Django | Nginx | Node
- Microservices Express | React | Vue | jQuery | HTML | CSS | Flask | Oracle | Postgres | JIRA | Confluence | Doc Cirrus | Terragrunt

Experience

DevOps Engineer, Intern and Working Student	**Aryza**	*Dusseldorf, Germany*	**05.2022 - Present**

- Developed automation scripts using boto3 for identifying vulnerable docker images across **100+ Amazon accounts**, maximizing **65% efficiency**, performance and security throughout the process
- **Boosted** automated security scans and findings by **85%** through integrations with SonarQube and OWASP Dependency Check
- Developed Jenkins Pipeline, Gitlab CI/CD, Codebuild Pipelines | GitOps implementation from scratch for multiple projects

DevOps Engineer, Working Student	**AlgeaCare**	*Frankfurt, Germany*	**11.2021 - 05.2022**

- Infrastructure Automation using Terraform Cloud, which **improved 10+** processes for deploying new features and functionality
- Development of features and maintenance of WebApp using GoLang and Doc Cirrus

DevOps Engineer, Full Time	**IndusNet Tech.**	*Kolkata, India*	**08.2021 - 11.2018**

- Development of Kubernetes YAMLs and deployment on AKS | Management of Azure Kubernetes Clusters and CI/CD pipelines
- Integration of Azure and Terraform to maintain infrastructure as a code | Automating Workflows by implementing GitHub Actions

DevOps Engineer, Full Time	**MetaDesign Solutions**	*Gurugram, India*	**05.2021 - 08.2021**

- Management of EC2, S3, EKS, IAM, CodeBuild, CodeCommit, CloudWatch, Route51, Security Groups, Lambda, SNS
- Maintaining AWS Infrastructure as Code (IaC) using Terraform and Ansible | Integration with Monitoring Tools - Prometheus, Grafana
- Developed builds for QA, UAT and PROD environment using Jenkins and GitLab with integrations with Slack and S3

(Senior) Software Engineer, Full Time	**Infosys Limited**	*Chandigarh, India*	**12.2018 - 04.2021**

- Developed and implemented a CI/CD roadmap using Azure DevOps in both cloud and on-premises environments
- Skilled with Azure DevOps Services such as Service Hooks, Build Definitions, Plugins, Branch Policies
- Developed Ansible Playbooks for CI/CD on Openshift | Developed automation scripts using Python, Bash/Shell
- Experienced in Microservices Architecture with Kafka, Kibana, Consul,, Keycloak, MinIO, Vault, API Gateway, Kiali, Prometheus, Swagger
- Developed Automated Tests using Selenium (Java and TestNG), Protractor and Cucumber

Product and Services Intern	**Gartner, Inc.**	*Gurugram, India*	**02.2018 - 10.2018**

- Managing cloud infrastructure and Developing automation solutions
- Maintenance of automated deployments in Jenkins | E2E testing of web applications using Selenium

Education

Master of Science (Major in Research in Computer and Systems Engineering)	**Technical University of Ilmenau**	*Ilmenau, Germany*	**10.2021 - Present**
Bachelor of Technology (Major in Information Technology)	**Guru Gobind Singh Indraprastha University**	*Delhi, India*	**08.2014 - 08.2018**

Projects

- **Remote Programming:** Developed a Remote Programming platform for the university using Python Flask and Judge0 Client.
- **DevOps Roadmap:** Designed a one-click CI/CD RoadMap configuration and deployment for university projects.

Others

- **Microsoft Go Gitter Hackathon 2020:** Winners among 63+ teams around the world for developing the best **DevOps solution**
- **RedHat OpenHack Hackathon 2019:** Winners among 75+ teams for developing **ChatOps** client **(Best Deployment Solution)**
- **AIESEC in Malaysia:** Volunteered in AIESEC's **Global Citizen Program** and taught specially abled children in a Non-Profit Organization
- **Hobbies:** Travelling, Playing Guitar and Piano, Singing, Dancing, Reading