Prateek Verma CV

Name	**Prateek Verma**		Senior DevOps & MLOps Engineer	**Total Experience**	
				Years	Months
Contact	(+91)-7857068457	**Email**	connectprateekverma@outlook.com	**6**	**8**
Place	**Bengaluru**, KA	**DOB**	15th July 1991		

Education	Institution	Score	Year
BCA	Sarvepalli Radhakrishnan University, Bhopal	70%	2018
12th CBSE	Ekalavya Educational Complex, Patna	59%	2009
10th CBSE	Loyola High School, Patna	70%	2007

Experience Summary

- 6+ years of experience and expertise in CI/CD Tools of various projects including development, enhancements writing containers images.
- Proficiency in configuring and managing Continuous Integration and Continuous Deployment (CI/CD) pipelines through hands-on experience with tools such as Jenkins, GitHub.
- Created Docker images using a Docker file, to run the local step to test the QAC and Coverity tools to check the code quality.
- Experiencing in Optimizing the Continuous Integration Pipeline.
- Experience in troubleshooting and providing support in Broken Jenkins pipeline.
- Experience in monitoring the pipelines in Cloud.
- Experience in creating MLOps pipeline, Creating APIs using FastAPI and BOTO3.

Skills

CI/CD Tools	**Jenkins, GitHub Actions**
Version Control Tools	**Git**
Operating Systems	**Linux, Windows**
Container & Orchestration	**Docker, Kubernetes + Helm, EKS, AKS, GKS**
IaC & Conf. Management	**Terraform, Ansible**
Scripting	**Shell Scripting and Python Scripting**
Development	**Python FastAPI, BOTO3**
Cloud Platform	**Azure (DevOps), AWS**
Serverless (AWS)	**Lambda, Fargate**

Experience

Organization	**Capgemini**
Duration	Jan 2022 – Current
Role	Senior DevOps Engineer

Organization	**VUnique Solution**
Duration	Jun 2018 – Nov 2021
Role	Devops Engineer

Details of Projects:

Project 1:

Project name	Common Annotation Framework (CAF): Philips
Description	Senior DevOps & MLOps Engineer
Role & Contribution	• optimization of machine learning workflows and automation processes, focusing on streamlining model development and deployment. • I successfully reduced model training time by 50%, increased prediction accuracy by 20%, and cut operational costs by 30%. Through collaboration with data scientists and developers • Creating story using Azure bord. • Analysing the data insights, slicing and dicing of data. • Creating APIs using FastAPI and BOTO3 • Creating Docker image using dockerfile and deploy on ECS.
Tools	• GitHub Actions • MLFlow • Docker • Python, FastAPI, BOTO3, Postgres, SQLAlchemy • Azure DevOps • AWS Sagemaker(ground Truth : Labeling Job)

Project 2:

Project name	MED: Zeiss
Description	Senior DevOps Engineer
Role & Contribution	• Worked on AWS EC2 Instances creation, setting up VPC, Launching EC2 instances and worked on Cloud Watcher for providing high availability of applications of EC2 instances based on a load of applications. • Involved in designing and deploying large applications utilizing all the AWS stack (Including EC2, Route53, S3, RDS, DynamoDB, SNS, SQS, IAM) focusing on high availability, fault tolerance, and auto-scaling Using AWS UI • Worked on the creation of custom Docker container images, tagging, and pushing the images and Docker consoles for maintaining the application of life cycle. • Maintaining good customer relations by providing the expected resuts.

Project 3:

Project Name	MR Cyber Security: Hitachi
Description	Responsible for release cycle.
Role & Contribution	• Responsible for the management and continuous improvement of the release process for internal and external web applications. • Participated in the release cycle of the product which involved environments like DEV, INT, QA, UAT, and Production. • Monitoring the release cycle and check the status of certain checks that need to be done. • Coordination with onsite for daily work progress and requirements. • Troubleshoot and Resolving codes.