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| **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 |

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| **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 |

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| **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. |

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| **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** |

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

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

**Details of Projects:**

**Project 1:**

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| **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:**

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| **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:**

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| **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. |