Profile Summary   Ashutosh Pathak(pathak.ashutosh1977@gmail.com 8130560312)

- A result-oriented professional with over 14 years of experience in Development, DevOps/Build Release Management with 6 years of AWS experience as well as 1.5 years of Azure experience.[?]
- Expertise in managing **high-severity incidents to ensure service availability** with minimal delay and impact towards ensuring smooth operations of an infrastructure environment
- Hands-on experience in providing **DevOps solutions for Microservices with AWS DevOps, Jenkins Pipeline, terraform, Docker, Kubernetes(Helm), mvn, nexus, bitbucket)**
- Performed migration of all application from on-prem to cloud (AWS)
- Proficient in **Java/J2EE application & process automation. Experience in setting up infrastructure using terraform.**
- Knowledge of DevOps tools including GIT, BITBUCKET, SVN, Terraform skills in Agile and DevOps culture.
- Excellent in **providing enterprise-wide technical solutions** through the alignment of business/information systems
- Experienced in working in different countries/cultures including Belgium, France, Netherlands and USA

- An effective communicator with excellent team management and mentoring skill.

Core Competencies
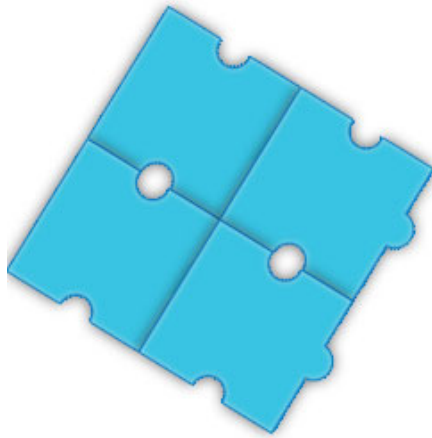
Academic & Certification Details

- **AWS Cloud Practitioner**
- **BCA from SMU**
- **DNIIT from NIIT, Rajouri Garden, Delhi**

Continuous Integration:	Jenkins Pipelines, Helm, Nexus, Bitbucket, Git
Automation Tools:	Jenkins, Helm, Terraform, CloudFormation, AWS l lambda, Kubectl
Monitoring Tools:	Kibana, Prometheus, Grafana
Programming:	Java/J2EE, SpringBoot, Bash Scripts,
Database	MongoDB, ElasticSearch, MySQL, Postgres, RDS
Management	Confluence, Jira
AWS	IAM, EC2, EKS, ECR, ECS, Lambdas, EMR, S3, Glue VPC, EC2 AutoScaling
Containerization	Docker, Docker Compose, Kubernetes, Helm, EKS
Methodologies	Scaled Agile, Test Driven Development using JUnit
Messaging	AWS SQS, SNS, Kafka, Azure Service Bus

Career TimeLine

- Devops Head: Workapps Solution Pvt Ltd: May 2020-Present
- Devops Lead: TomTom India Pvt Ltd: Nov 2016- April 30 2020
- Project Leader: Cyient Ltd March 2014 - Nov 2016
- Team Leader- Cyient Ltd June 2012 - March 2014
- Module Leader: Cyient Ltd: April 2010 - June 2012
- Software Engineer: Cyient Ltd :Dec 2007 - April 2010

💼 Organizational Experience

Workapps Solution Pvt Ltd: May 2020- Present

Product: VideoKYC System
Domain: BFSI
Description: VideoKYC System is a no touch initiative for KYC which allows customer to do KYC without visiting the bank.

May 2020 - Present   Head Devops

Key Result Areas:
- Daily Monitoring using Kibana, CloudWatch Logs, Prometheus
- Assigning & tracking task using Jira, Confluence.
- Complete end to end solution using EKS, ECR, Docker, Helm, Git, Jenkins Pipeline
- Developed automation scripts for centralised logging & monitoring using EFS, S3 bucket lifecycle using storage classes.
- Implemented EKS Cluster using terraform
- Implemented AWS Image Recognition Service
- **Cost Optimisation:** Implemented cost allocation tags based on environments, categorise assets by tagging(Dev, QA, stage, Performance, Production). Implemented lambdas to stop non-critical systems during non business hours. Used Reserved instances for RDS.
- **Log Monitoring & Centralisation:** Setup ELK to monitor API calls
- **SSL Migration:** Managing certificate of our clients & migrating certificates and domains from Godaddy to ACM in AWS.

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💼 Organizational Experience

TomTom India Pvt Ltd Nov 2016 - April 2020

Product: Car Navigation System
Domain: GIS, Map Making
Description: Fuse System is a Data Pipeline System. It refresh map content by ingesting data from various prime customers & vendors. It implements various phase of ingestion as springboot microservices, viz. Intake, Normalisation, GeoMatching, Productization.
Dec 2018 - April 2020   Devops Lead

Key Result Areas:
- Developed & Deployed to Production highly scalable, available, agile prod automated pipeline
- Used MVN, BITBUCKET, ECR, DOCKER, DOCKER-COMPOSE, AWS EKS, HELM CHART, Jenkins Pipeline.
- Used terraform IAAS for completed EKS Cluster deployment
- Used script for Dashboarding, Monitoring EKS Cluster, Security.

Domain: **GIS**

Nov 2016 – Dec 2018

Description: Road Network Train is aimed to convert old legacy system into Content Production Platorm(CPP) CPP is developed using Java based technology. One of the major component of CPP is backend server CoreDB which is responsible for editing maps transactionally. This component is exposed as several Rest API Services viz.
1) **DB Reader**
2) **Access Point Service**
3) **Journal Service**
4) **Read Service**
5) **Write Service**

FrontEnd: Cartopia
Key Result Areas
- Implemented Jenkins Multi branch, Freestyle downstream project for build pipeline.
- Automated Release pipeline using web hook on Merge to Master.
- Used Nexus Release/Snapshot, mvn build tools.
- Monitored health of system using cloud watch logs
- Centralised logs on EFS.

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💼 Organizational Experience

Cyient Ltd.,Noida from Dec 200 – Nov' 16 as Senior Software Analyst (Developer)

Product: Teleastlas Map
Domain: GIS
Description: MDS2TIF system is a batch processing system which converts data from MDS to old legacy system TIF to support existing clients.

April 2010 - March 2014   Developer & System Engineer

Key Result Areas:
- Project Coordination with various stake holders in various time zones
- Attended workshop in Gent Belgium for Designing & BackLog Grooming.
- Created L1 environment using Hadoop, HBase, Zookeeper
- Developed & implemented adaptors for different Features using Java

Domain: **GIS**

Dec 2007 – April 2010: Developer

Description: CPP-QA is about Quality Assurance of produced Map/GIS data. It is a rule engine written in Java which ensure the quality of Data/Maps edited by cartographer.

Technology: Java6/8, Spring, Postgres
- Individual Code Contributor using Java, Spring
- Part of Cross Functional Team
- Test Driven Development using Java6/8, Junit, Mockito
- Organized training sessions for cross project associates about DevOps

Projects / Clients Handled:
- Banking: ICICI, DBS, YesBank, HDFC Life, IndusInd, HDFC, Paytm
- Automobiles: GM, Ford, Renault. Europe & USA Client