

# Abhigyan Kumar

DevOps and Cloud Engineer at 1Click Global Tech Pvt Ltd.



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Gurugram

## Profile Summary:

DevOps and Cloud Engineer with 3.0 years of experience. Skilled in cloud infrastructure (AWS), infrastructure as code (Terraform, CloudFormation), CI/CD (Jenkins, GitLab CI/CD), containerization (Docker, Kubernetes), and monitoring (Prometheus, Grafana, ELK stack). Strong collaborator and quick learner, focused on driving efficiency, scalability, and innovation in software systems.

## Certifications:

1. Associate Cloud Engineer by Google
2. Azure Data Fundamentals AZ-900 by Microsoft
3. Azure AI Fundamentals AI-900
4. Azure AI Engineer Associate AI-102
5. Certified Python Developer from Cisco NetAcad PCAP Foundation

## Skills:

- Cloud Services: EC2, S3, Lambda, API Gateway, DynamoDB, RDS, CloudFront, CloudWatch, Google Compute Engine
- Serverless architecture: AWS Lambda, API Gateway, S3, DynamoDB, Step Functions
- Containerization Service with Docker, Kubernetes, Google Cloud Run
- DevOps tools: Git, Jenkins, AWS Code Pipelining, AWS Code Commit, AWS Code Build, AWS Code Deploy, Terraform, Helm Charts.
- Programming Language Python, ABAP and Node JS.
- Databases with MySQL, Open SQL, Mongo DB.
- Machine Learning and Data Analytics Modules: SciPy, NumPy, Pandas, Matplotlib
- Data Visualization tool: Power BI
- Other tools and technologies: AWS CLI, Cloud9, CloudTrail, IAM, VPC, Route53, design of Rest API & Maintenance of cloud servers.
- Ability work in independent environment without handholds & individually on several stacks simultaneously as well as in Team
- Excellent Search Engine Skills as well as ability to use ChatGPT API to fetch results.
- Ability to lead teams & project and quick adaptability of new technology as well as environment

## Work & Project Experience:

### 1Click Global Tech Services Pvt. Ltd, Gurugram: April, 2023 – Present

- Currently working over Client Project as a DevOps Engineer and the project is based on modern architecture of Cloud Infrastructure.
- Deployment of the project over Kubernetes and AWS EKS
- Migration of the Cloud Services using Terraform
- Deployment using Helm Charts and Container Orchestration using Docker & K8 Clusters

- Implementing security best practices and ensuring compliance in cloud environments, using IAM, SSL/TLS certificates, and other security measures.
- Implementation of backend services using cutting edge FastAPI Web Framework.
- Client project delivered in the required time frame and with the great efficiency.
- Lead the whole project with the 4 team members to deliver the project in fast paced environment using Agile Methods in Software Development.
- Deployed over 5+ Microservices on K8 Clusters using JetBrains Spaces.
- Handled the Security and Network Administrator Role for the monitoring of Firm's Devices Being used by employees.
- Handling the AWS Servers with multiple requirements.
- Deployment of latest versions of independent open source microservices using Helm Charts.
- Used the NoSQL services for the data storage and designed the FastAPI logics to provide the quantitative analytics in json formats.
- Writing OOPs and Class Based Efficient Codes in Python to Deliver Logic and Maintaining the Good Data Structure Requirements
- Used wisely billing & cost cutting methods using AWS Billing Dashboard, implemented the AWS Cloud watch.
- Streamlined infrastructure management through IaC, reducing the provisioning time by 40% and ensuring consistency across development, staging, and production environments.
- Deployment of Nginx & Apache as well as Windows Servers using AWS Cloud Services
- Designed the whole logic & architecture of the application
- Orchestrated the adoption of Kubernetes for container orchestration, resulting in increased application uptime and improved resource utilization.
- Experience in setting up monitoring and logging solutions like Prometheus, Grafana, ELK Stack, and CloudWatch to proactively identify issues and optimize system performance.

#### **Deloitte Consulting India, Offices of the US in India: July, 2021 – April, 2023**

- Full time working professional with 1.10 Years of Experience in Python, FastAPI, Backend Development over Python Scripting & ML Process Used in Document Analysis Project.
- Collaborations with cross-functional teams to understand business requirements and translate them into technical solutions.
- Implementation of ML Algorithms in Text Labelling for Large amount Data
- Build infrastructure as code using Google & AWS Cloud Formation and other DevOps tools.
- Implement continuous integration and continuous deployment (CI/CD) pipelines using AWS & GCP
- Monitor and troubleshoot issues in cloud computing environments using CloudWatch, CloudTrail, and other GCP tools.
- Provide technical guidance and mentoring to junior developers and architects.
- Special Contribution in Document Cleansing ML Project used in Development of Document's Redundant Data Removal tool
- Machine Learning Algorithms used with Supervised, Unsupervised Learning, Post & Pre Trained Models and deployment to the cloud servers.
- Building of Rest API with Django & Django Rest Framework.
- Excellent Leadership Skills practiced in Firm Initiatives by leading 400 Volunteers & 10 cluster leads to work upon given task in CSR Activities
- Received 3 Sport Awards for the Exceptional work in project and training activities.
- Lead a small internal project team to work upon Debugging of Standard SAP Fiori Apps

## **Database Developer & Admin at GoApti.in EdTech Startup Website (From June 2020 – May 2021, Intern + Web Developer)**

- MySQL, Html, CSS, JS, phpMyAdmin
- Managing daily user database and their records through database and removing bugs on website.
- Implemented serverless architecture using AWS Lambda, AWS API Gateway, and other AWS services.
- Built and maintained infrastructure as code using AWS CloudFormation.
- Worked on various projects using different programming languages such as Python to implement Image & Video Recognition System using OpenCV2

## **Education:**

### **1. Graduation**

Birla Institute of Technology Mesra, Patna Campus,  
Bachelor's in Computer Applications  
Full time graduation from Deemed University

### **2. 12th Board RSS Inter College** Bihar Board 07/2014 - 04/2016,

Full time Compulsory course certified by Bihar Board

### **3. 10th Board CBSE**

Trident Public School, Muzaffarpur 04/2012 - 03/2014,  
Full time Compulsory course certified by CBSE

## **Tools & Software:**

1. Microsoft Office Tools
2. Draw.io
3. Linux OS
4. Microsoft Windows OS 10 & 11
5. Git & GitHub
6. MySQL, Mongo DB
7. Visual Studio Code, JetBrains IDE
8. SAP ERP Portals
9. CRM tools over Salesforce
10. MacOS and Unix operating system
11. Redash.io for analytics
12. AWS
13. Docker
14. Kubernetes & KubeCtl