**Lokesh Kumar**

(8 Years Exp. Python Backend/Cloud DevOps Engineer)

LinkedIn Profile: <https://www.linkedin.com/in/lokesh-kumar-833b0422>

# Career Objective

To be a part of an organization, which extracts the analytical & creative abilities of mine, help me to learn so that I can contribute towards the overall growth of the organization.

# Professional Certifications



# Work Experience

1. **Schlumberger India Pvt Ltd** as **Cloud** **DevOps Engineer from** June 2017 to till date.

Job Responsibilities:

* Worked as python Backend developer using Flask framework.
* Enabling Agile and DevOps - Continuous Integration and Deployment Expert
* Enabling security scanning’s in CI-CD pipeline – Dev(Sec)Ops Expert
* Developing Infrastructure as Code (IAC) – Infrastructure automation Expert
* Handling Configuration Management and Production Deployment on Cloud
* Writing polyglot scripts (Bash, Power Shell, Batch, Python) for automations
* Designing Docker and Container.
* Designing applications in Kubernetes (open source container orchestration)
* Enabling Observability stack in Kubernetes (Promtail, Loki, Grafana)
* Designing and impending solutions on Multiple Cloud – Azure, GCP etc.
* Working as Sonar Administrator for all kind of static analysis of codes.
* Maintaining nexus for hosted & secure modules along with persistent artifacts.
* Performing CI and CD work by using Azure DevOps.
* Integrating various Google/Azure Cloud services in application/microservices
* Enabling and managing service mesh (using Istio) for container applications
* Automating Kubernetes application deployment using & designing Helm Chart
* Migrating on-prem applications on Kubernetes Cluster and Google App Engine
* Automating whole Infrastructure on top of GCP and Azure Cloud using Terraform
* Setting up highly available and fault tolerant application platform.
* Setting up site and availability check, maintaining SLA, SLO and SLI of services.
* Implementing testing for the applications- Sanity, Integration, Workflow etc.
* Deploying CMZ tools on Kubernetes: JMeter, Zalenium etc.
1. **Tata Elxsi** (Project: Global transparency)as **Software Engineer** – **Python backend developer from** May 2016 to June 2017.

**Project Details:**

It was a project for developing web for medical benefits which the user was getting based on their insurance and the claim and based on some government rule it was getting calculated how much money, a user needs to pay. It’s developed on Exalink Platform where all the type of app was getting integrated.

Job Responsibilities:

* Worked as Python Backend developer.
* Writing REST API using Flask Framework.
* Handling databases with SqlAlchemy ORM.
* Queue implementation using Celery and MongoDb and Radis.
* Unit-testing for API in python using Unittest.
* Using Docker container for Linux application deployment.
1. **Safran Engineering Services** as **Software Engineer** – **Python developer from** Jan 2013 to May 2016.

**Project Details:**

The A350-LGS is a project which corresponds to the Landing Gear of Airbus-350. It is composed of 4 sub-systems:

(LGS) involves the below mentioned 4 sub-systems for controlling and monitoring its functionality.

- **Braking Control System (BCS):** The BCS provides control of all brake units in the aircraft.

- **Wheel Steering Control System (WSCS):** This system controls the position of the nose wheels relative to the aircraft centerline in order to control the direction of the aircraft when the aircraft is traveling on ground.

- **Landing Gear Extension/Retraction System (LGERS):** LGERS provides control and monitoring of all gears and doors in sequence.

- **Landing Gear Monitoring System (LGMS):** The LGMS monitors the tyre pressure, brake temperature and provides brake cooling fan control software.

Job Responsibilities:

* Developing the python scripts as per SRS document Handling E2E support: Project Handover, Client co-ordination.
* Also Worked as C developer
* Delivery management activity and deliver it to customer.
* Preparing reports for inspections and reviews.
* Coding Design for API (Application Program Interface) based on the Low-Level Design.

# Computer Proficiency & Skills

* **Operating** **System** : Linux, UNIX, Windows OS
* **Databases** : SQL, MongoDB
* **Defect** **Tracking** **Tools** : Jira, VSTS
* **Cloud** : Azure, GCP
* **DevOps** **Tools** : Jenkins, Azure DevOps.
* **DevSecOps Tools** : Veracode, Whitesource, Qualys SSL
* **Infrastructure Management**: Terraform, Google DeploymentManager
* **Configuration** **Management**: Ansible beginner
* **Version** **Control** **Tools** : VSTS Git, GitHub, Svn
* **Scripting** **Languages** : Bash/Shell script, Powershell, Batch, Python
* **Virtualization** : VMware
* **Orchestration tool** : Kubernetes, Docker
* **Monitoring** **Tool** : Stackdriver, Prometheus, Grafana, Loki, Promtail etc
* **Performance** **Analysis** **Tool** : Google uptime check – SLI, SLO

# Education & Certification

* **B. Tech(E&Tc)** from **Pune University,** with first class with distinction marks.
* **Diploma in Embedded System design** from **CDAC** (Centre for Development of Advanced Computing)

# Personal Information

* **Date of Birth :** 21-12-1988
* **Sex :** Male
* **Address :** On Request
* **Marital Status :** Married

# Declaration

I hereby declare that above given information is correct up to my knowledge and I solely take the responsibility for the correctness of the particulars.

 **PLACE**- Lokesh Kumar

 **DATE-**