

# SHUBHAM NAGURE

Senior MLOps And AI Platform Engineer | Open to Relocation (EU/UK) | +91-7040200109 | nagureshubham@gmail.com | LinkedIn | GitHub | LeetCode

## SUMMARY

Senior Software Engineer with 7+ years of experience Designing and operatinf production-grade ML Platforms and cloud-native AI systems. Specialized in scalable MLOps, Kubernetes-based infra, and real- time model deployment.Proven track record building end-to-end ML platforms comparable to managed impact through automation, system optimization, and AI-driven architecture,

## CORE EXPERTISE

- AI Platform engineering MLOps (kubeflow, Pytorch, Kubernetes)
- Production ML Deployment observability
- Cloud-Native Architecture (AWS, Serverless, EKS)
- distributed Systems High-Availability APIs
- LLM driven workflow automation

## PROFESSIONAL EXPERIENCE

**Publicis Sapient** Pune, India  
*Senior Associate, Technology L1 (Regulatory Technology)* July 2024 – Present

- Developed serverless applications using AWS Lambda, API Gateway, and Python reducing infrastructure costs by 30%
- Migrated AML detection from rule-based Airflow pipelines to ML-based anomaly detection with real-time inference using FastAPI and AWS Lambda
- Implemented model performance monitoring with AWS CloudWatch capturing inference latency, error rates, and drift detection metrics for production reliability
- Built LLM-driven function orchestration for AML/KYC regulatory tasks using OpenAI, LangChain, Pydantic, and FastAPI enabling context-aware compliance automation
- **Technologies:** Python 3.11, FastAPI, AWS (Lambda, SageMaker, EKS), Apache Airflow, PyTorch, PostgreSQL, ELK, Jenkins

**UST – Xpresso.ai** Pune, India  
*Associate Product Engineer III (MLOps Platform)* April 2022 – July 2024

- Built Xpresso.ai, an end-to-end ML platform comparable to AWS SageMaker supporting model training, deployment, and monitoring; productionized ML models using Flask, PyTorch, Kubeflow, and Kubernetes
- Implemented CI/CD pipelines with Jenkins and Docker for automated deployment, rollback, and model versioning; optimized API response times by 25% through efficient design and workload orchestration
- **Tech:** Python 3.8, Flask, Django, PyTorch, Kubeflow v1.7, Kubernetes v1.25, Docker, Jenkins, AWS, GCP, Azure, MongoDB, PostgreSQL, Elasticsearch

**Tata Communications** Pune, India  
*Senior Engineer – Software Development (IZO Cloud for Enterprise)* October 2021 – April 2022

- Collaborated with cross-functional teams to design and implement RESTful APIs enhancing front-end/back-end communication
- Leveraged Docker and Kubernetes for containerization and deployment; actively participated in CI/CD cycles
- **Technologies:** Python, Flask, Docker, Kubernetes, Ansible, Neo4J, MongoDB, MySQL, Git, Bitbucket

**Amdocs** Pune, India  
*Technical and Business Operations Analyst (ATOMIQ)* August 2019 – October 2021

- Investigated, debugged, and provided fixes for software issues using Java, Python, and SQL ensuring system operability
- Automated processes through batch files and shell scripting improving team efficiency and removing critical path dependencies
- **Technologies:** Java, Python, Kubernetes (Fission Functions), SQL, Hibernate, Spring Core

## EDUCATION

**Savitribai Phule Pune University**  
Master of Computer Applications (MCA) – 9.5 CGPA | Bachelor of Computer Applications (BCA) – 8.2 CGPA

## CERTIFICATIONS & AWARDS

**Certifications:** AWS Certified Cloud Practitioner  
**Awards:** Champ of the Team (2x) – Xpresso.ai (Mar 2023, Sep 2023) for exemplary performance