

Mohsin Khan

Cloud & DevOps Lead | AI & EDI Architect

Dubai, United Arab Emirates

+971 56 980 1983

mohsinkhan8282@gmail.com

LinkedIn: <https://www.linkedin.com/in/mohsin-khan-a694458b>

PROFESSIONAL SUMMARY

Senior technology professional with 13+ years of experience spanning **Cloud & DevOps, Generative AI, Enterprise Integration, and EDI solutions**. Proven expertise in architecting and migrating large-scale enterprise systems to AWS, building AI-driven automation and RAG-based solutions, and leading global integration programs in logistics and supply chain domains. Strong background in Python-based development, CI/CD pipelines, infrastructure as code, and stakeholder-driven delivery of mission-critical systems.

CORE SKILLS

Cloud & DevOps

AWS (EC2, S3, Lambda, VPC, IAM, RDS, CloudFront, Route 53, CloudWatch), Infrastructure as Code (CloudFormation), Serverless Architecture

CI/CD & Automation

Jenkins, GitHub, GitLab, XLD, Render, Automated Monitoring & Alerting

AI & Generative AI

OpenAI APIs, LangChain, RAG, Gemini, AI Chatbots, Intelligent Document Processing, AI-driven Automation

Enterprise Integration & EDI

ANSI X12, EDIFACT, XML, Flat Files, IBM Sterling Integrator (SBI), IBM WTX, AS2, FTP, SFTP, REST APIs, Web Services

Programming & Frameworks

Python, Flask, FastAPI, React, JavaScript, HTML, CSS

Databases

MongoDB, MySQL, Oracle

Domain Expertise

Supply Chain, Shipping & Logistics, ERP & B2B Integrations

PROFESSIONAL EXPERIENCE

Technology Team Lead

Infosys – Dubai, United Arab Emirates

Jan 2018 – Present

- Led migration of legacy EDI and integration platforms to **AWS Cloud**, improving scalability and reducing operational costs by **40%**.
 - Architected **serverless AWS solutions** using Lambda, S3, CloudFront, and API-based integrations to process high-volume EDI transactions.
 - Designed and implemented **Generative AI and RAG-based enterprise search solutions** using LangChain and OpenAI, enabling intelligent document retrieval.
 - Developed **AI-powered chatbots** using Flask and OpenAI APIs to automate customer queries and operational workflows.
 - Automated B2B integrations with global logistics partners using **ANSI X12, EDIFACT, AS2, FTP, and SFTP** protocols.
 - Implemented real-time monitoring, alerting, and error handling using **AWS CloudWatch** and Python-based automation scripts.
 - Led and mentored teams responsible for EDI partner onboarding, ERP integrations, and production support.
 - Coordinated with business and technical stakeholders to align cloud and AI initiatives with enterprise objectives.
 - Delivered training sessions to upskill teams in cloud, DevOps, and emerging AI technologies.
-

Senior Application Developer

CMA CGM – Dubai, United Arab Emirates

Oct 2013 – Dec 2017

- Designed and developed enterprise-grade **EDI integrations** supporting global shipping and logistics operations.
 - Built API-driven EDI solutions automating freight tracking, customs clearance, and carrier communications.
 - Developed Python automation scripts to process complex EDI messages, reducing manual intervention by **50%**.
 - Optimized EDI mappings and transformation logic, improving operational efficiency and reducing data errors by **30%**.
 - Integrated EDI platforms with customs authorities and logistics providers to ensure regulatory compliance.
-

Associate Software Engineer

L&T Infotech – Mumbai, India

Aug 2011 – Sep 2013

- Developed and maintained EDI workflows and backend applications supporting ERP integrations.
 - Created test cases and automation scripts to improve application quality and reliability.
 - Debugged and optimized applications across EDI, databases, and integration layers.
-

PROJECTS

WhatsApp Automation Bot

Technologies: Twilio, Flask, Python, MongoDB, Render

<https://wa-auto-mise.onrender.com>

AI PDF Chatbot & Summarization Tool

Technologies: Gemini, Flask, Python, Render

<https://pdfchatbot-flask.onrender.com/>

EDUCATION

Bachelor of Science in Information Technology

Vivekananda Education Society, Mumbai

Aug 2008 – Jul 2011

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2023 – Present)
 - AWS Certified Cloud Practitioner (2022 – 2025)
 - Generative AI with Large Language Models (2024)
 - Certified MongoDB Developer & Administrator (2017)
 - Apache Spark & Scala Certification (2017)
-

AWARDS & RECOGNITION

- Infosys Insta Award (Mar 2021, Mar 2023) – PROD incident backlog reduction
 - Infosys Quarterly Award (Aug 2022) – Digital transformation excellence
 - Multiple Appreciation Badges (2022–2023) – Leadership in EDI solutions and production support
-

LANGUAGES

English (C2 – Proficient)

Urdu (C2 – Proficient)

Hindi (C2 – Proficient)

Arabic (Beginner)

ADDITIONAL INFORMATION

UAE Driving License | References available upon request