

ASHAD AHMED

AI SOFTWARE ENGINEER, NOKIA

SUMMARY

AI Software Engineer with 5+ years of experience delivering production-grade solutions across applied AI, analytics, automation, and cloud infrastructure, including internal platforms for supplier risk management and intelligence at Nokia. Strong in Python, CI/CD, and cloud-native development, with hands-on expertise in LLM-based systems, MLOps, and intelligent system design.

WORK EXPERIENCE

AI SOFTWARE ENGINEER, NOKIA

Oct 2025 - Present

- Developed an LLM-based AI use case planning platform that interprets user requirements and generates production-ready AI solution architectures, leveraging enterprise knowledge bases to recommend optimal platforms and Nokia/third-party resources.
- Built an agent-based AI analytics platform using LangChain and Streamlit for autonomous data cleaning, exploratory analysis, and insight generation across sourcing and market datasets.

DEVOPS ENGINEER, NOKIA

Oct 2022 - Oct 2025

- Modernized a legacy sourcing risk management system into a production-grade Node.js application, deployed on a self-managed cloud stack with automated GitLab CI/CD pipelines across Dev/QA/Prod environments.
- Architected and delivered production-grade CI/CD pipelines in Azure DevOps, enabling secure deployment of containerized Python applications for annual sourcing strategy execution.

SENIOR SOFTWARE ENGINEER, COVALENSE GLOBAL TECHNOLOGIES

Nov 2021 - Oct 2022

- Configured Databricks and developed ETL pipelines using Azure Data Factory to support end-to-end data workflows.
- Led migration of automation workloads to Azure, cutting process costs by 20% and improving operational efficiency.

SOFTWARE ENGINEER, COVALENSE GLOBAL TECHNOLOGIES

Dec 2020 - Oct 2021

- Automated data extraction and integration using Python across SharePoint, Azure Storage, SAP HANA, and Oracle SmartView for Unilever.
- Gathered requirements and delivered client-specific automation solutions.

EDUCATION

ADVANCED CERTIFICATE PROGRAMME IN DATA SCIENCE (DEEP LEARNING SPECIALIZATION)

Feb 2025 - Oct 2025

International Institute of Information Technology Bangalore | CGPA: 3.9/4.0

B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING

Aug 2016 - Oct 2020

Amity University Noida | CGPA: 9.37/10.00 (Silver Medalist)

TECHNICAL SKILLS

- AI & ML:** Scikit-learn, PyTorch, TensorFlow, LangChain, FastAPI, Flask, Streamlit, RAG, Embeddings, Vector Databases
- DevOps & Automation:** Azure DevOps, GitLab CI/CD, Jenkins, Docker, Ansible, Bash, Linux
- Cloud & Infrastructure:** Microsoft Azure, AWS (EC2, S3), Terraform, Kubernetes (basic)
- Programming & Scripting:** Python, JavaScript, Vue.js, SQL, Shell
- Data Engineering & Analytics:** Pandas, PySpark, Databricks, Power BI
- Soft Skills:** Agile practices, cross-functional collaboration, business insight

CERTIFICATIONS

DevOps Mastry (By KodeKloud)

IBM Applied AI Specialization (By IBM)

Deep learning & Machine Learning Specialization (By DeepLearning.AI)

PROJECTS

Multi-Agent Data Analysis & Automation - An AI powered system of agents for data analysis and automation.

AI Buddy (Browser Plugin) - AI chatbot for web summarization, Market Research, notes, and task tracking.

HONOURS AND AWARDS

Nokia Excellence Award, Nokia (MAR 2020)

Bharti Airtel Award of Excellence, Airtel (AUG 2020)

Excellence in Knowledge Creation, Amity (AUG 2020)

LANGUAGE SKILLS

English, Hindi, French