

# Asheesh Tyagi

Moradabad, Uttar Pradesh, 244001, India

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## Professional Summary

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Experienced AI and Data Engineer with a strong background in developing and automating solutions using Python, Azure AI, and Elasticsearch. Proven track record in enhancing natural language understanding, creating efficient CI/CD pipelines, and delivering custom reports. Skilled in log analysis, real-time incident management, and infrastructure monitoring with hands-on experience in Docker, Kubernetes, and various AI tools. Adept at collaborating with business consultants to meet reporting requirements and drive team synergy.

## Work Experience

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### System Engineer

Oct 2021 – Present

*Tata Consultancy Services, Noida*

- **Data Operations - Commercial Pharma - GSK** - Jan 2024 to Present - Contributed to the development of a knowledge management system with Python backend and Azure AI Search for efficient data indexing and retrieval. Enhanced natural language understanding and generated insightful responses using Azure OpenAI in the knowledge management system. Collaborated with business consultants to understand reporting requirements and deliver custom SQL-based and Power BI reports. Hands-on experience with various AI tools such as GitHub Copilot, Databricks Genie, etc.
- **Logging and Monitoring Platform - R&D Digital and Tech - GSK** - Jan 2022 to Dec 2023 - Developed Python scripts for Elasticsearch and Kibana APIs, automating processes with StackStorm and validating with Pytest. Led log analysis across diverse tech stacks; crafted Kibana dashboards to enhance application development and team collaboration. Integrated ServiceNow with Kibana for real-time incident management; designed Grafana dashboards for infrastructure monitoring. Designed and implemented CI/CD pipelines using Azure Pipelines, improving code integration and deployment efficiency. Hands-on experience with Docker for creating images and Kubernetes for deploying apps, including logging and monitoring platforms like Logstash and Filebeat using Helm.
- **Performance Dashboards - R&D Digital and Tech - GSK** - Oct 2021 to Dec 2021 - Contributed in the development of performance dashboards to visualize Agile KPIs, enabling data driven strategic oversight.

## Education

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### Bachelor of Technology

Computer Science & Engineering  
CGPA

*Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh*  
2017-2021  
7.4

### Intermediate - ISC

PCM and Computer Science - 74 %

*Springfileds College, Moradabad, Uttar Pradesh*  
2017

### Highschool - ICSE

Science - 87 %

*Springfileds College, Moradabad, Uttar Pradesh*  
2015

## Skills & Tools

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- Skills - Python, SQL, Java, Data Analysis, Generative AI, CI/CD, Docker, Kubernetes, Testing and Automation, Documentation
- Tools - GitHub, Azure OpenAI, GitHub Copilot, Elasticsearch, Kibana, Grafana, Azure Pipelines, SonarQube, PyTest, Azure Databricks

## Certifications

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- GitHub Copilot
- GitHub Foundations
- Microsoft Certified: Azure AI Engineer Associate
- Microsoft Certified: Azure Fundamentals

## Achievements

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- Received 'On the Spot Award' for contribution to different Generative AI engagements (Feb 2025)
- Received 'On the Spot Award' for contributions to the Knowledge Management System (Apr 2024)
- Received 'Star of the Month Award' for implementing intuitive index based access control and creating comprehensive dashboards in Logging & Monitoring Platform (Aug 2023)
- Received On The Spot Award for contributions to Logging & Monitoring Platform (Mar 2022)
- Received On The Spot Award for contributions to Performance Dashboards (Dec 2021)