

Vivek Pandey

Azure Data Engineer

Noida, UP, India • vivekpandey.iimt@gmail.com • +91-7011088059 • [LinkedIn - Vivek Pandey](#)

PROFESSIONAL EXPERIENCE

INFOSYS LIMITED

Senior Associate Consultant

Noida, India

FEB, 2025-Present

- Implemented streaming pipelines on **Databricks** for **real-time data processing**.
- Assisting in the development and maintenance of **data pipelines** using **Databricks** and **PySpark**.
- Supporting ongoing **ETL** and **data processing tasks** to ensure smooth data operations.
- Collaborating with teams to understand **data requirements** and **optimize workflows**.
- Employed Python for scripting **data transformation** and **manipulation**.

TATA CONSULTANCY SERVICES

Systems Engineer

Noida, India

FEB, 2020-JAN, 2025

- Built **real-time streaming pipelines** for **TotalEnergies** using **Databricks** & **PySpark** to process sensor data.
- Developed **batch processing pipelines** with **Python** & **Azure Function Apps** for reporting & analytics.
- Automated Databricks job monitoring, reducing manual effort by **1-2 hours daily** via **Python** & **Microsoft Teams** integration.
- Designed and optimized ETL workflows to ensure data integrity and accuracy.
- Automated data processing tasks using Python, improving efficiency.
- Led a 6-member cross-functional team, collaborating across business units.
- Developed **Interactive Electronic Technical Manuals** (IETMs) using XML & HTML.

SATYAM SOFTWARE SOLUTIONS PVT. LTD.

Hardware Design Engineer

Noida, India

JUNE, 2019-FEB, 2020

- Designed **schematics and PCB layouts** for **Smart Ticket Vending Machines** and **AFC Gates** for **Delhi Metro Rail Corporation**.
- Created PCB layouts using **Altium Designer** and **Ki-CAD**.
- Performed testing and validation of hardware designs to ensure reliability.

EDUCATION

IIMT COLLEGE OF ENGINEERING

Bachelor of Technology in Electronics and Communication Engineering

Greater Noida, India

2015-2019

- Grade: 71%

ADDITIONAL INFORMATION

- **Technical Skills:** Python, Pandas, Pyspark, SQL, Azure DataBricks, Azure SQL Server, Data Lake, Function Apps, Kafka, Azure Storage Explorer, GitHub.
- **Languages:** Hindi; Conversational Proficiency in English
- **Certifications:** Academy Accreditation - Databricks Lakehouse Fundamentals(Databricks), Intoduction to Azure SQL Database for Beginners(Udemy), Web Scraping In Python: Master The Fundamentals(Udemy), Data Science Certification(ExcelR), Python for Data Science, AI & Development(Coursera), Python Essential Training(LinkedIn), Programming for Everybody (Getting Started with Python)(Coursera)
- **Awards:** Start Team Award, Process Improvement Award