

VAIBHAV LOHAR

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OBJECTIVE

Experienced Python Developer and Senior Data Engineer with over 3.10 years of hands-on expertise in crafting efficient, scalable applications. Proficient in Python, SQL, Linux, Databricks, Data Factory Pipelines, Azure Cloud with a strong command of development and integration and database management, data ingestion, data integration in warehouse. Adept at performing queries and implementing robust solutions that enhance system performance. Possesses a solid understanding of data structures, algorithms, and object-oriented programming principles. Demonstrated ability to troubleshoot complex issues and deliver high-quality code in agile environments. Eager to contribute technical proficiency and problem-solving acumen to drive innovation and success in your team.

EXPERIENCE

Python Developer | Tata Consultancy Services Ltd. | Navi Mumbai, India, 400706.

2022 – 2025

- Developed a real-time invoice generation API that gets data from the government portal and posts it so that customers can download invoices based on the journal number or invoice number in T+1 business days in real time.
- Developed a Fetch GSTIN service API from the government portal of the customer GSTIN, populating the status, address and GST filing status in the TCS product to be refreshed based on the activity status of the customer GSTIN, providing service to the stakeholders or customers in Python.
- Successfully Integrated 4-source applications to consume API Services in an application as an endpoint.
- Wrote unit tests using Pytest, achieving more than 50% code coverage of API Endpoints.
- I debugged and troubleshooted API issues with cross-functional teams as an endpoint.

Senior Data Engineer | Capgemini India Ltd. | Pune, India, 411057.

2025 – Present

- Developed a REST API as a common utility to trigger Azure Data Factory pipelines for orchestration.
- Implemented dynamic execution of Data Factory pipelines to perform data transformations in Databricks.
- Transformed and ingested data from multiple sources across different regions into the warehouse, organized within Unity Catalog (Fox, OBS, MDM, Swaps Monitor, etc.), and stored in the landing zone of Azure Data Lake.
- Implemented API authentication using system-assigned managed identity credentials with Azure Identity in Databricks.
- Achieved unit test coverage for Data Factory pipelines using the Data Factory testing framework and Pytest.
- Integrated unit testing for ADF pipelines within CI/CD workflows, executed between the build and deploy stages using Pytest.

SKILLS

- Python, Flask, FastAPI, MySQL
- Red Hat Linux
- Tools: Postman, Pycharm, VS Code
- Azure Databricks
- Azure Cloud Services
- Data Factory Pipeline, CI/CD

EDUCATION

B-Tech. (Chemical Engineering) | North Maharashtra University, Jalgaon, India, 425001.

2017 - 2021

- Overall CGPA: 7.01

CERTIFICATIONS

- **Microsoft Azure Fundamentals:** <https://learn.microsoft.com/api/credentials/share/en-us/VaibhavLohar-7044/6EDD0C93170A1F1B?sharingId=76D2B41853AC37D6>
- **Microsoft Azure Data Scientist Associate:** <https://learn.microsoft.com/api/credentials/share/en-us/VaibhavLohar-7044/EBE0E808FD7B38B8?sharingId=76D2B41853AC37D>

HOBBIES and INTERESTS

- Chess
- Writing (Poet)
- Smartphone Tech.
- Typing

LANGUAGES

- English (Proficient)
- Hindi (Proficient)
- Gujarati (Native and Proficient)
- Marathi (Proficient)
- German (Intermediate)