

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 Rest API as a common utility to trigger data factory pipelines for orchestration.
- Implemented the dynamic behaviour to execute the data factory pipelines for data transformation in databricks transformed and ingested the data from the different data sources from different regions (Fox, OBS, MDM, Swaps Monitor, etc.) in the landing zone in the azure data lake.
- Implemented the authentication in the API using the system assigned managed-identity credentials using azure identity in the databricks.
- Implemented unit-testing coverage of data factory pipelines using data factory testing framework and pytest.
- Implemented the unit-testing for ADF pipelines within CI/CD pipelines 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)
- Marathi (Proficient)
- Hindi (Proficient)
- German (Intermediate)
- Gujarati (Native and Proficient)