PRAKHAR STHAPAK

About Me

Associate Data Engineer | Expertise in Python, SQL, and Azure DevOps | Proven Track Record in Workflow Automation and Data Engineering Solutions

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📍 Navi Mumbai

Language

- ENGLISH

Expertise

- PYTHON
- MY SQL
- AZURE DEVOPS
- DATA ANALYTICS
- REST API
- ZABBIX
- DATA ENGINEERING
- PROBLEM SOLVING
- ETL DEVELOPMENT
- CI / CD AUTOMATION
- KUBERNETES
- LINUX

Experience

Jio Platforms Limited (JPL)
Associate Data Engineer
DEC 2023 - PRESENT

Experienced in Python, SQL and ETL with a strong background in workflow automation, data pipeline optimization, and building scalable solutions using Azure DevOps.

Projects

Zabbix Integration Platform – CloudXP
May 2024 – Present (6 months)

- Designed and developed Python-based API services to automate infrastructure monitoring integration across data pipelines and systems.
- Built dynamic, config-driven workflows to streamline provisioning and reduce manual intervention by 70%.
- Integrated the service into CI/CD pipelines to enable real-time onboarding and improve system visibility.
- Implemented robust error handling and logging to ensure reliability and traceability across all automation flows.

Private PaaS – DBaaS Module Development
DEC 2023 - MAY 2024 (6 MONTHS)

- Developing the DBaaS component of an internal PaaS platform to enable self-service database provisioning through RESTful APIs.
- Built scalable, Kubernetes-based orchestration for containerized database instances with automated setup, backups, and resource management.
- Designed multi-tenant architecture with role-based access, lifecycle automation, and seamless integration into platform-wide CI/CD and observability stacks.
- Focused on reliability, automation, and developer experience to accelerate internal application delivery

Internships

- Persistent Systems Martian Program
(May 2022 - Jun 2022 · 2 mos)

Completed internship program, gaining practical insights into core computer science principles and technical skills development.

- Cisco · Internship
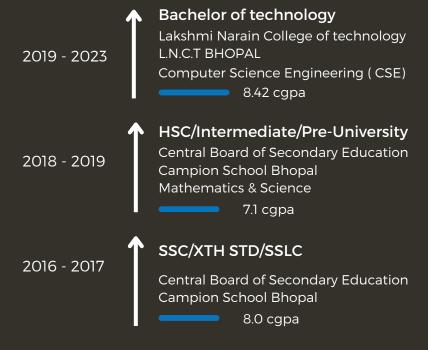(May 2021 - Jun 2021 · 2 mos)

Gained comprehensive exposure to cybersecurity principles through a virtual internship program.

Achievements

Smart India Hackathon 2022
Runner-Up | National Level
competition

- Secured 2nd place among teams nationwide in India's largest hackathon, organized by the Ministry of Education's Innovation Cell
- Led/Contributed to a 5 member team developing innovative solutions for Smart Tourism & Cultural Heritage

Education

Bachelor of technology
Lakshmi Narain College of technology
L.N.C.T BHOPAL
Computer Science Engineering (CSE)

2019 - 2023

8.42 cgpa

HSC/Intermediate/Pre-University
Central Board of Secondary Education
Campion School Bhopal
Mathematics & Science

2018 - 2019

7.1 cgpa

SSC/XTH STD/SSLC

Central Board of Secondary Education
Campion School Bhopal

2016 - 2017

8.0 cgpa

Skills Summary

- **Associate Data Engineer with strong expertise in Python, SQL, and designing robust ETL pipelines for efficient data processing.**
- **Experienced in developing and integrating RESTful APIs to automate workflows and streamline data operations.**
- **Proficient in using Azure DevOps for CI/CD implementation, version control, and managing the full software development lifecycle.**
- **Focused on building scalable, cloud-based data solutions with an emphasis on performance, automation, and reliability.**

Hobbies

- **Learning new programming languages or technologies**
- **Solving complex puzzles or participating in coding challenges**