

Education

MIT ACADEMY OF ENGINEERING

B.TECH IN INFORMATION TECHNOLOGY

CGPA: 8.76/10

📅 2019 to 2023 📍 Pune, India

SB PATUR COLLEGE

HIGHER SECONDARY (HSC)

PERCENTAGE: 76.46%

📅 2019 📍 Akola, Maharashtra
Graduated with Distinction

Links

GitHub [LINK](#)

Linkedin [LINK](#)

Geeks For Geeks [LINK](#)

LeetCode [LINK](#)

HackerRank [LINK](#)

CodeChef [LINK](#)

Coding Ninjas [LINK](#)

Portfolio [LINK](#)

Technical Skills

AI/ML: Generative AI, Agentic AI, CrewAI, Prompt Engineering

Cloud: AWS (S3, Lambda, Glue, Athena, QuickSight), GCP

Big Data: PySpark, Hadoop, Hive, MongoDB, Sqoop, Airflow

Data: ETL, Data Pipelines, BigQuery, DataStage, Pandas

Programming: Python, C++, JavaScript

Web: ReactJS, NodeJS, HTML, CSS

Tools: Docker, Git, Power BI, Linux

Certificates

GATE 2022 Qualified [LINK](#)

AWS Cloud Practitioner [LINK](#)

NPTEL IOT IIT Kharagpur [LINK](#)

Fractal Big Data Engineer [LINK](#)

Fractal Pyspark Developer [LINK](#)

30 Days Google Cloud Certified [LINK](#)

Full stack Web Development with React [LINK](#)

ACHIEVEMENTS

Topper 1 percent in NPTEL IOT [LINK](#)

TCS NQT Qualify 90 percent

Solved 700+ Coding questions

Smart India Hackathon Qualifier

Open Source HACKTOBERFEST 2021

Professional Experience

DATA ENGINEER FRACTAL ANALYTICS

📅 February 2024 – Present

📍 Pune, Maharashtra

• Agent Twin Project

- Developed workflow automation system using **CrewAI** and **AutoGen** frameworks.
- Built **API integration agent** for handling external **GET/POST** requests.
- Created Python code analysis workflow with specialized agents for:
 - * **AST analysis** for parsing code structure
 - * **Code Splitter** for segmenting Python code into logical chunks
 - * **Code Optimizer** for enhancing performance and readability
 - * **Code Merger** for consolidating optimized segments
- Developing **MCP server for GitHub integration** for code management.

• HSBC – Enterprise Data Platform

- Built **ETL pipelines** translating business requirements into **BigQuery SQL**.
- Implemented **DataStage** processes to transfer data from **RDL to CDL**.
- Orchestrated workflows with **Control-M** for reliable data processing.
- Engineered transformation logic for **ADS layer** as SQL stored procedures.
- Automated processing with **Airflow** into fact and feature tables.
- Developed **Python scripts** to validate data integrity by comparing **source and target table row counts**.

BIG DATA AND CLOUD TRAINEE ABZOOBA

📅 July 2023 – December 2023

📍 Pune, Maharashtra

- Architected end-to-end AWS data pipeline with S3, Glue, Lambda, and QuickSight.
- Developed **Lambda** functions for data cleansing and conversion to Parquet.
- Configured **Glue** Crawlers for schema inference and metadata cataloging.
- Implemented analytics using **Athena** for SQL queries and **QuickSight** dashboards.
- **Tech:** PySpark, AWS, Databricks, Python, SQL, Hive, Sqoop

Key Projects

SOCIALCLOUD ARCHITECTURE [GitHub Link](#)

- Designed scalable cloud architecture for social media platform with **Amazon RDS**.
- Implemented high availability with **Load Balancing and Auto Scaling**.
- Configured **S3 bucket strategy** for data backup and disaster recovery.
- Integrated **Route 53 and CloudFront** for DNS and content delivery.
- **Technologies:** AWS EC2, Auto Scaling, ELB, Route 53, CloudFront, S3, RDS