# SENAPATHI LOKESH
## DATA ENGINEER

## PROFILE

Experienced Data Engineer with one year of hands-on expertise in designing and optimizing data pipelines. Proficient in Hadoop, Spark, Kafka, Snowflake, Airflow, and YARN. Skilled in SQL (PostgreSQL) and NoSQL (MongoDB) database management. Demonstrated ability to collaborate across teams and deliver results in dynamic environments. Experienced in ETL processes, data warehousing, and data lake architectures.

## PROFESSIONAL EXPERIENCE

**Data engineering intern**

continental automotive tech center| 2023- Present

- Specialized in ETL processes, mastering SQL, PostgreSQL, and MongoDB during a one-year internship.
- Tackled big data challenges with Hadoop 3.x and Apache Spark, and honed skills in Azure cloud platforms and Snowflake data warehouses.
- Leveraged Kafka for message queuing and orchestrated workflows with Databricks and Airflow.
- Optimized resource management with YARN and automated tasks using Python scripts.
- Integrated JIRA data via APIs and OSLC standards, ensuring projects aligned with Crystal architecture principles for scalability and reliability. This comprehensive experience equips me with a robust skill set in data engineering, priming me for future challenges in the field.

## SKILLS

- Web Development Technologies: HTML, CSS, JavaScript, React.js, Node.js, API, Postman
- Databases: PostgreSQL, MongoDB, SQLite, Redis
- Data Engineering: Hadoop, Spark, HDFS, Kafka, Snowflake, Airflow
- Data Science: Machine Learning, Deep Learning, Generative AI
- Programming Languages: Proficient in Python (including Data Structures and Algorithms), Familiar with Java
- Operating Systems: Experienced in both Linux and Windows environments

## PROJECTS

- Crystal Aritecture - Continental
- Chat bot using Nlp's - Continental
- Wikipidia search Application - Nxtwave
- Stock Market Predection - Gitam university
- AdvancedRecomendation System - Gitam

## CONTACT

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## CERTIFICATIONS

- Data Visualization certificate from Coursera. Database Management Essentials from Coursera.
- Software Development Processes and Methodologies from Coursera.
- Data structures algorithms for beginner.
- Development Android app. SQL with Python.
- Full stack development Course from NXT wave

## EDUCATION

**Gitam University | MTECH**

Master's degree in Data science | 8.2
2022 – 2024

**Bharath university | BTECH**

Batchlor's in Aeronautical Engineering | 6.5
2017 – 2021

## SOFT SKILLS

- Collaborative Leadership in Team Environments
- Problem-Solving Expertise for Data Engineering Challenges
- Effective Communication in Technical and Non-Technical Contexts
- Time Management Strategies for Project Success
- Adaptability to Dynamic Data Engineering Environments