

GOKUL TS

B.Tech Information Technology | Aspiring Data Engineer

PROFESSIONAL SUMMARY

Aspiring Data Engineer and final-year B.Tech Information Technology student with strong foundations in Python, SQL, Data Engineering, Cloud Computing, and Database Management. Experienced in developing data analysis and web application projects using Python, SQL, Flask, and SQLite. Passionate about building scalable data pipelines and continuously expanding expertise in modern data engineering technologies.

EDUCATION

ponjesly college of engineering

2023-2027

Currently pursuing B.Tech in Information Technology, Final year

Alphonsa matriculation

2020-2022

CERTIFICATIONS

Infosys Spring Certificates :

- cloud security administration
- Prompt engineering
- Data science Tools
- Dev-ops
- Cloud technologies
- networking

Amazon AWS job simulation:

- Designing a scalable hosting architecture

CONTACT

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[linkedin.com/in/gokul-ts](https://www.linkedin.com/in/gokul-ts)

Github:

github.com/Gokults1

HARD SKILLS

Languages:

- Sql
- python

Cloud:

- AWS
- Azure
- BigQuery

Data Engineering:

- Hadoop
- Apache Spark
- ETL
- PostgreSQL
- Data Modeling

SOFT SKILLS

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Communication
- Time Management
- Adaptability
- Attention to Detail
- Perseverance

PROJECTS:

Tamil Nadu Crop Yield Analyser 2026

- Python · Pandas · SQLite · Matplotlib · GitHub
- Analysed Tamil Nadu district-wise crop production data (13,000+ records) using Python and Pandas to find production trends across seasons and years.
- Stored cleaned data in a SQLite database and ran 5 SQL queries to extract insights like top producing crops, most productive districts, and seasonal patterns.
- Generated 6 visualizations including bar charts, line graphs and pie charts using Matplotlib.
- GitHub: github.com/Gokults1/TAMIL-NADU--CROP--YIELD-ANALYSER-

IBM Login Authentication System 2025

- Python (Flask) · HTML/CSS · GitHub
- Built a secure web-based login and registration system using Python Flask as the backend and HTML/CSS for the frontend interface.
- Implemented user authentication flow with form validation and session management.
- GitHub: github.com/Gokults1/IBM-LOGIN-AUTHENTICATION-SYSTEM