

GOGILARASAN S

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EDUCATION

Bachelor of Technology in Information Technology

CGPA : 8.05

College of Engineering Guindy, Chennai, India.

12th Grade (Senior Secondary)

581/600

Revoor Padmanabha Chetty's Matric Hr Sec School, Chennai, India.

2019 - 2021

10th Grade (Higher Secondary)

486/500

Model Matric Hr Sec School, Chennai, India.

2018 - 2019

EXPERIENCE

Euclod Data Solutions — Data Engineer

Jul 2025 – Present (Full-time)

Client: Bayada Home Health Care (US)

- **Ingested and integrated** data from multiple sources (**HubSpot, MuckRack, TalentScout**) by reading API documentation, implementing pagination, payload chunking, and exponential backoff with retry mechanisms; **deployed automated daily ingestion pipelines** to production.
- **Designed and implemented** end-to-end **Medallion Architecture** pipelines (Raw → Silver → Gold) using **PySpark and Spark SQL**; responsible for ELT logic, schema evolution, and **SCD Type 2** implementations for critical datasets.
- **Developed and optimized** data ingestion and transformation logic using **Python (PySpark, Pandas)**, ensuring scalability and performance for large data volumes.
- Acted as the **AWS Administrator (Org-wide)**, managing IAM users, EC2 provisioning, S3 lifecycle policies, VPC configuration, and RDS support for data platform operations.
- **Collaborated with data consultants and BI teams** to ensure high-quality, validated datasets for **Sigma computing dashboards**.

Euclod Data Solutions — Data Engineering Intern

Jan 2025 – Jun 2025

Client: Shippo

- **Migrated and converted** 25+ large **Redshift SQL scripts** (each 2000+ lines) to **Spark SQL on Databricks**, modularizing and refactoring complex transformation logic for maintainability.
- **Resolved data mismatches** across billion-row tables and reduced reporting discrepancies by designing and validating **DBT models** and supporting Looker metric fixes.
- **Reduced cloud cost by 75%** through strategic NAT Gateway analysis and VPC endpoint recommendations.
- **Administered Databricks workspace** for cluster provisioning and role-based access; developed **Workato recipes** to port Redshift-based workflows to Databricks.

TECHNICAL SKILLS

Languages & SQL:	Python, PySpark, SQL (Redshift, Spark SQL), Pandas
Cloud & Infrastructure:	AWS (IAM, EC2, S3, VPC, RDS, CloudWatch), Databricks, Terraform,
Data Engineering:	DBT, Delta Lake, ELT/ETL, SCD Type 2, Medallion Architecture
Orchestration & Automation:	Workato
Version Control & Tools:	Git, GitLab

PROJECTS

Inventory Management and Analysis System

- **Collaboratively developed** a comprehensive inventory management system with **user authentication** and **task scheduling** for the IST department, managing stock worth approximately **80 lakhs**.

- **Utilized MySQL** and **Sequelize** for database management, including efficient stock file handling.
- **Automated** student stock usage tracking via a **hyperlink interface**, coordinating with team members to align system functionality with department needs.
- **Technologies used:** *React, JavaScript, Node.js, Express, MySQL.*

Automated Project Evaluation Process

- **Created** a robust project evaluation system with multi-level **user logins** (students, guides, panels, admins).
- **Integrated** features such as **email messaging**, **file uploads**, and **role-based authorization**.
- **Developed** the front-end using **React** and the back-end with **Express.js**, hosted on **AWS EC2** (Ubuntu).
- **Streamlined** FYP evaluation with **batch scheduling** and **dynamic forms** for parameter-based reviews.
- **Technologies used:** *React, JavaScript, Node.js, Express, PostgreSQL, AWS.*

ROLES AND RESPONSIBILITIES

- **Student Director - Founding Member of [Career Guidance Forum](#)** - *Designed the official logo, launched the forum, and played a pivotal role in successfully conducting the mock interview session 2024.*
- **Social Media Manager - [CEG Spartanz](#)** *Official Variety Team of CEG* - *Managed 8,500+ subscribers and 4,700+ followers on social media, boosting engagement through creative content and audience management.*
- School Pupil Leader, 11th Standard – [RPC Matric Hr. Sec School](#), Chennai, India

ACHIEVEMENTS

Winner of Inter-College Variety Competitions CEG Spartanz
MIT 2024 & 2025, Crescent 2024, SSN 2023 & 2025, MMC 2022, KMC 2022

Hackathons and Symposiums: Actively participated in college-level hackathons and symposiums, gaining hands-on experience with trending technologies and addressing complex technical challenges.