

GOGILARASAN S

+91 9094368565 ◊ Thiruvanmiyur, Chennai

gogilarasan@gmail.com ◊ [linkedin/gogilarasan/](https://www.linkedin.com/in/gogilarasan/) ◊ [github/gogilarasan](https://github.com/gogilarasan)

EDUCATION

Bachelor of Technology in Information Technology College of Engineering Guindy, Chennai, India.	CGPA : 8.05
12th Grade (Senior Secondary) Revoor Padmanabha Chetty's Matric Hr Sec School, Chennai, India.	581/600 2019 - 2021
10th Grade (Higher Secondary) Model Matric Hr Sec School, Chennai, India.	486/500 2018 - 2019

EXPERIENCE

Euclid Data Solutions — Data Engineer <i>Client: Bayada Home Health Care (US)</i>	<i>Jul 2025 – Present (Full-time)</i>
<ul style="list-style-type: none">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.	
Euclid Data Solutions — Data Engineering Intern <i>Client: Shippo</i>	<i>Jan 2025 – Jun 2025</i>

- 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.