

SRIKAR RAJ GUEDEM

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PROFESSIONAL SUMMARY

AI-powered aspiring Data Analyst with expertise in SQL, Python, Excel, Power BI, and statistical analysis. Proven ability to transform complex datasets into actionable business insights through database design, query optimization, and advanced analytics. Passionate about leveraging data-driven approaches to solve real-world business challenges in inventory management, customer analytics, and revenue optimization.

EDUCATION

Bachelor of Technology in Computer Science and Engineering	2021 - 2025
Vignana Bharathi Institute of Technology, Hyderabad, Telangana	
Relevant Coursework: Database Management Systems, Data Structures, Algorithms, Statistics, Programming	
Intermediate, MPC	June 2019 - June 2021
Sri Chaitanya College of Education	
SSC, High School	June 2018 - March 2019
Gowtham Model School	

TECHNICAL SKILLS

Programming & Query Languages:	SQL (PostgreSQL), Python, DAX.
Data Analysis & Visualization	Microsoft Excel , Power BI, Statistical Analysis, ETL Processes.
Database Management:	PostgreSQL, Relational Database Design, Query Optimization, Data Modeling.
AI & Productivity Tools:	AI-Powered Analytics, Automation Tools, Data Processing.
Core Competencies:	Data Pre-Processing, Business Intelligence, Customer Analytics, Inventory Management, Revenue Analysis, Problem Solving, Analytical Thinking.

PROJECTS

Online Bookstore Database System	December 2024
<i>SQL, PostgreSQL, Database Design, Analytics</i>	
<ul style="list-style-type: none">Architected and implemented a normalized relational database with 3 interconnected tables (Books, Customers, Orders) ensuring data integrity through primary and foreign key relationshipsEngineered 20+ complex SQL queries utilizing JOINS, aggregate functions, subqueries, and window functions to extract actionable business insights for inventory optimization and customer behavior analysisPerformed advanced data analysis including revenue tracking (total revenue calculation), customer segmentation (identifying top spenders and frequent buyers), and inventory forecasting (stock remaining post-fulfillment)Optimized query performance using proper indexing strategies, GROUP BY with HAVING clauses, and COALESCE for NULL handling, reducing query execution time by leveraging efficient JOIN operationsDelivered data-driven insights on best-selling books, genre performance, customer ordering patterns, and geographic revenue distribution to support strategic business decisions	

CERTIFICATIONS

Freedom with AI Masterclass , ISO 9001:2015 Certified Company	Dec 2025
SQL Micro Course , Database Management & Query Optimization	Dec 2025
Power BI Micro Course , Business Intelligence & Data Visualization	Dec 2025
PostgreSQL Certification , Advanced Database Operations	Dec 2025
Microsoft Excel (Self-Learning) , Advanced Functions & Data Analysis	Dec 2025

KEY ACHIEVEMENTS

Successfully completed multiple industry-relevant micro-courses in SQL, Power BI, and Excel demonstrating commitment to continuous learning and professional development

Designed and executed end-to-end data analytics project showcasing proficiency in database architecture, complex query development, and business intelligence

Developed expertise in transforming raw data into strategic insights for business decision-making across multiple domains including e-commerce, inventory, and customer analytics

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Telugu
- **Interests:** Data Analysis, Business Intelligence, Machine Learning, AI-Powered Analytics, Statistical Modeling
- **Professional Focus:** Transforming data into actionable insights, driving data-driven decision-making, optimizing business processes through analytics