Sridhar Ravi Kumar . Jarvis Consulting

Software and Data Engineering professional who has built scalable, data-driven solutions through the Jarvis Consulting Group Data Engineering program. Applied strong expertise in Python, SQL, Docker, and PostgreSQL to design and deploy analytics pipelines, automate workflows, and optimize database operations in Agile environments. Previously developed full-stack applications and machine learning models, transforming complex datasets into actionable business insights. Completed dual postgraduate diplomas in Artificial Intelligence and Data Analytics for Business at Durham College, building a solid foundation in data science and cloud technologies. Known for delivering clean, production-ready solutions, collaborating effectively in cross-functional teams, and continuously improving processes to meet client and organizational goals.

Skills

Proficient: Java, Python and COBOL, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Power BI / Tableau, Docker / AWS EC2, ETL pipeline design and data modeling, Statistics and Predictive Modelling, API integration and automation

Familiar: Microsoft Excel, R, N8N frameworks, LLM, Data warehouse and Analytics

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_SridharRaviKumar

Cluster Monitor [GitHub]: Designed and implemented relational schemas to analyze system metrics collected from Linux hosts.Wrote optimized SQL using joins, aggregations, subqueries, and window functions to extract performance insights.Automated data loading and validation inside a Dockerized PostgreSQL environment using Bash.

SQL Data Analytics and Modeling [GitHub]: Designed and implemented relational schemas to analyze system metrics collected from Linux hosts.Wrote optimized SQL using joins, aggregations, subqueries, and window functions to extract performance insights.Automated data loading and validation inside a Dockerized PostgreSQL environment using Bash.

Highlighted Projects

FitEats AI Meal Planner [GitHub]: Developed a personalized meal planning web app with AI-driven recommendations and deployed on AWS using Docker and CI/CD.

Sales Performance Dashboard: Migrated executive reporting from Excel to Power BI, enabling automated refresh and KPI tracking across regions.

Professional Experiences

Data Engineer, Jarvis Consulting Group (2025 - Present): Delivered end-to-end data engineering solutions using Python, SQL, Docker, and Linux within Agile sprints.Built ETL pipelines, automated data collection and reporting, and managed PostgreSQL in containerized environments.Collaborated with DevOps to implement CI/CD on AWS EC2 using GitHub Actions and improved system monitoring with Bash automation.

Programmer Analyst, Cognizant Technology Solutions (Apr 2022 - Nov 2023): Developed downstream data applications achieving high first-release accuracy.Automated monthly performance reporting using Python and SQL to reduce delivery time, and produced KPI scorecards that improved operational decisions.Authored technical documentation and collaborated with cross-functional teams.

Education

Durham College (Jan 2024 - Aug 2025), Postgraduate Diplomas, Artificial Intelligence and Data Analytics for Business - Completed dual postgraduate programs with Honours - Built AI and data applications: AI Career Advisor, Sustainable Healthcare, Fraud Detection - GPA: 4.5/5.0

Anna University (Aug 2017 - Aug 2021), Bachelor of Engineering, Mechanical Engineering - Graduated with First Class - GPA: 8/10 - Designed and built a semi-automatic staircase climbing trolley for load transport using motorized mechanisms - Presented at College Technical Expo for innovation and practical design

Miscellaneous

- Udacity Machine Learning (2019)
- Winner
- Basketball player
- Competitive gaming
- Volunteer, ABC Food bank: Ut enim ad minim veniam