

Sridhar Ravi Kumar . Jarvis Consulting

Data Engineering professional with hands-on experience building backend applications and data processing systems at Jarvis Consulting Group. I have worked with Java, Linux, Bash, Docker, PostgreSQL, and SQL to build tools such as a containerized Java Grep application and a Linux cluster monitoring system. Previously at Cognizant, I worked on downstream data processing using COBOL-based batch programs, handled file-based data flows, supported month-end operations, and created productivity reports. I enjoy understanding systems end-to-end, writing clear code, and improving reliability through better design and data structure choices.

Skills

Proficient: Java (Core Java, Collections, Streams), Linux and Bash, SQL and Relational Databases (PostgreSQL, MySQL), Git and Version Control, Agile / Scrum workflows

Competent: Maven and Java build tools, Docker (Containerization), Basic Data Modeling and ETL Concepts, API Integration (Foundational Experience), AWS EC2 (Deployment Basics)

Familiar: Power BI and Tableau, Microsoft Excel (reporting and scorecards), COBOL (batch programs), N8N automation workflows, LLM tools and prompt workflows

Jarvis Projects

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

Linux Cluster Monitor [GitHub]: Developed a Bash-based monitoring tool to collect hardware specifications and resource usage from Linux machines. Designed PostgreSQL schemas for host and usage data, automated data collection using Cron, and containerized the database with Docker. Wrote SQL queries to analyze system usage and support operational insights.

Java Grep Application [GitHub]: Built a Java-based Grep application to search large text files using regular expressions. Implemented file traversal using Java NIO and Streams, applied lambda expressions for filtering and processing, and added logging with SLF4J. Packaged the application as a fat JAR using Maven and containerized it with Docker to ensure consistent execution across environments.

Highlighted Projects

FitEats AI Meal Planner [GitHub]: Designed a simple meal-planning application that recommends food options based on user preferences. Built basic automation features such as calorie-range filters and dynamic meal suggestions. Explored the use of AI-assisted components to improve recommendations and experimented with lightweight deployment using AWS and containerized workflows. Focused on building a clean user flow, responsive interface, and easy-to-maintain backend structure.

Sales Performance Dashboard [GitHub]: Created a Power BI dashboard to track sales performance across regions. Converted manual Excel reports into automated dashboards with KPIs, filters, and scheduled refreshes, reducing manual reporting effort.

Professional Experiences

Data Engineer, Jarvis Consulting Group (2025 - Present): Worked on backend and data engineering projects using Java, Linux, Bash, SQL, Docker, and PostgreSQL. Built applications to process files and system metrics, automated recurring tasks, and followed structured practices for testing, documentation, and version control in an Agile environment.

Programmer Analyst, Cognizant Technology Solutions (Apr 2022 - Nov 2023): Worked on downstream data processing applications where structured data was received from upstream systems in tables and files. Developed and enhanced COBOL batch programs to extract required fields, perform business calculations such as outstanding loss and premium loss, and generate output and error files. Supported job scheduling, performed mock runs during month-end cycles, documented application changes, and created monthly productivity scorecards using Excel.

Education

Durham College (Jan 2024 - Aug 2025), Postgraduate Diplomas, Artificial Intelligence and Data Analytics for Business - Completed dual postgraduate programs with Honours - Built applied AI and data projects including AI Career

Advisor and Sustainable Healthcare solutions - Graduated with Honours

Anna University (Aug 2017 - Aug 2021), Bachelor of Engineering, Mechanical Engineering - Designed a semi-automatic staircase climbing trolley as a final-year project - Presented technical work at college-level expos - Graduated with First Class - CGPA: 8/10

Miscellaneous

- Delivered technical and career guidance sessions to students
- Actively contributed to planning and executing outreach and engagement events at Cognizant
- Participated in and won multiple team-based fun and engagement activities, reflecting collaboration and involvement beyond day-to-day work
- Worked in exam administration, technical support, and digital operations roles
- Travel, motorcycles, and understanding how mechanical and software systems work