VEDA UPASAN PEDAGADI

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Working Experience

Sales Analyst | Studentslanding Inc · Boston, MA (Hybrid) · Jul 2025 – Present

- Transform sales and market data into actionable insights, guiding strategic decisions and contributing to improved sales efficiency and a 10–15% increase in lead-to-client conversion.
- Build and maintain dashboards and reports that streamline reporting processes and provide leadership with clear, real-time visibility into trends, performance, and opportunities.
- Use SQL, Python, and analytics techniques to uncover patterns, optimize pricing strategies, and support business growth initiatives.
- Present complex datasets through clear visualizations, enabling cross-functional teams to make faster, data-driven decisions.

Data Engineer | Humanitarians AI · Boston, MA (Remote) · Sep 2024 – Jul 2025

- Engineered a Distributed Reasoning Agent with LangChain, Groq API, and Gemini API, using dynamic task decomposition and parallel sub-agents to boost workflow efficiency by 40%.
- Built scalable web scraping pipelines (Abecedarian) extracting structured academic data from 100+ university directories to support research initiatives.
- Delivered validated datasets and automated AI workflows, enabling faster and more efficient research collaboration.
- Streamlined large-scale data analysis, accelerating expert discovery and problem-solving for research teams.

Data Engineer | Wipro · India (Remote) · Jul 2021 – Aug 2022

- Managed large-scale financial datasets in Teradata, optimizing ETL workflows to improve accuracy and timeliness of client reporting.
- Developed and refined BTEQ scripts for complex data extraction and transformation, streamlining batch processing across multiple environments.
- Automated incident tracking and workflow management with ServiceNow, enhancing SLA compliance and reporting efficiency.
- Built and maintained ETL pipelines to consolidate data from disparate sources, supporting real-time dashboards and actionable insights for financial analysts.

Education:

Northeastern University – Boston, MA | Master of Science in Data Analytics Engineering · Sep 2022 – May 2024
Andhra University – India | Bachelor of Technology in Computer Science and Engineering · Jun 2017 – Jul 2021

Skills:

- Data Engineering & Databases: Teradata, MySQL, PostgreSQL, MongoDB, Data Warehousing, ETL Development, Data Modeling (ERD), Database Design, Query Optimization
- Programming & Scripting: Python, SQL, R, BTEQ, C, C++
- Big Data & Cloud Technologies: Hadoop, Apache Spark & Airflow, Google Cloud Platform (GCP), MLOps
- Data Analytics & Visualization: Tableau, Power BI, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- Web Scraping & Automation: BeautifulSoup, Selenium, API Integration
- Workflow & Collaboration Tools: ServiceNow, Git/GitHub
- Professional Skills: Problem-Solving, Critical Thinking, Data-Driven Decision Making, Cross-Functional Collaboration, Technical Documentation