

Pritipallabi Tripathy

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PROFILE

Results-driven Data Engineer skilled in Python, SQL, Power BI, and Generative AI, with hands-on experience in analysing large data sets, building data models, and automating pipelines. Reduced manual effort by 25% and improved data delivery speed. Strong in collaboration, analytical thinking, and problem-solving.

EXPERIENCE

Involead Services Private Limited – Bhubaneswar, Odisha	January 2024 - Present
Associate Data Engineer	July 2024 - Present
<ul style="list-style-type: none">Developed and optimized automated data pipelines using Python and SQL, reducing manual effort by 25%.Collaborated with cross-functional teams to analyze large data sets and design data models for reporting.Created interactive dashboards using data visualization tools (Power BI, Tableau) to track query trends and KPIs.Automated data extraction and transformation using Python, enhancing real-time reporting and accuracy.Worked in an agile environment, demonstrating teamwork, adaptability, and analytical problem-solving.	
Data Engineer Intern	January 2024 – June 2024
<ul style="list-style-type: none">Supported Generative AI and LLM-based RAG projects for intelligent search and retrieval.Processed and cleaned data sets for model training and performance evaluation.Created visualizations and reports using data visualization tools to communicate insights effectively.	

SKILLS

- Technical:** Python, SQL, Power BI, Data Analysis, Data Models, Data Visualization, Generative AI, Machine Learning, FastAPI, MongoDB, AWS
- Soft Skills:** Collaboration, Analytical Thinking, Problem-Solving, Strategic Planning, Communication, Teamwork, Adaptability

EDUCATION

Gandhi Institute of Engineering and Technology	<i>Gunupur, Odisha, India</i>
Masters of Computer Application	2022 – 2024

- CGPA – 9.14

PROJECTS

Content Finder	January 2024 – Present
<ul style="list-style-type: none">Built an AI-driven medical chatbot for a US Pharma client, handling 10K+ queries with 40% higher accuracy.Implemented vector search and embeddings to enable context-aware document and image retrieval.Integrated LLM and RAG pipelines with FastAPI and MongoDB, reducing response latency by 25%.	
Demand Forecasting Dashboard	September 2024 - November 2024
<ul style="list-style-type: none">Designed an interactive Power BI dashboard to visualize sales, revenue, and margin trends across regions.Integrated forecasting models (XGBoost, LSTM, Prophet) achieving MAPE <10% for high-accuracy demand prediction.Delivered insights that helped improve strategic planning efficiency by 20% and optimize supply chain performance.	