

AMIT YADAV

Data Analytics & AI Automation Specialist

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PROFESSIONAL SUMMARY

Data Analytics and AI Automation specialist with strong expertise in transforming raw data into actionable insights. Proficient in Python, SQL, Power BI, and AI/LLM integration. Experienced in building automated systems using n8n and creating comprehensive data analytics solutions. B.Tech in Electrical Engineering from MMMUT Gorakhpur.

EXPERIENCE

Deloitte Australia - Data Analytics Virtual Intern

May - July 2025

- â€ Improved data quality by 98% through cleaning, validation, and restructuring of complex datasets
- â€ Identified 20% sales drop in specific regions using statistical analysis and data-driven insights
- â€ Applied advanced data cleaning techniques and provided strategic recommendations

Northern Eastern Railway - Summer Intern

June - August 2024

- â€ Monitored integration of 50+ bearing condition sensors, enhanced fault detection by 30%
- â€ Performed root cause analysis on power surges, preventing 10 potential equipment failures
- â€ Implemented predictive maintenance strategies through comprehensive sensor data analysis

KEY PROJECTS

AI-Powered Telegram Bot

Intelligent conversational bot using Python, n8n, and Claude API. 95% query resolution rate, 100+ daily users

AI Voice Calling Assistant

Voice-enabled assistant connecting 8 API services. 92% success rate, automates 15+ hours of monthly work

Pharmaceutical Sales Dashboard

Power BI dashboard analyzing 20k+ transactions. Reduced reporting time from 7 days to 1 day via ETL pipelines

TECHNICAL SKILLS

Programming: Python, SQL, JavaScript, C++, HTML/CSS
Data Analytics: Power BI, Excel, Tableau, ETL Pipelines, SQL
AI & Automation: n8n Workflows, LLM Integration, Chatbots, Webhooks, AI Agents
Tools & Tech: Git, Docker, Postman, VS Code, PostgreSQL, MySQL

EDUCATION

B.Tech in Electrical Engineering

Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur, India
2021 - 2025

CERTIFICATIONS & ACHIEVEMENTS

â€ Tata Data Visualization Certificate

- â€ 98% Data Quality Improvement - Deloitte
- â€ 30% Fault Detection Enhancement - Railway