

# JAISHANKAR PRASAD NIRALA

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## Professional Summary

Detail-oriented and motivated Data Analyst with strong Python expertise and a successful background in managing and automating structured data. Experienced in creating dashboards with Power BI and Excel, automating reporting, and developing smart analytical tools for financial data. Creator of ABAAS, an AI-based accounts analysis system. Actively leveraging AI daily for data analysis, reporting automation, problem-solving, and productivity improvements. Passionate about applying modern analytics and AI solutions to real-world business challenges; eager to contribute as a Data Analyst in a dynamic organisation

## Technical Skills

- Languages & Tools: Python, SQL (learning), Power BI, MS Excel
- Data Skills: Data Cleaning, Data Transformation, Dashboard Development
- Other Tools: Google Analytics, Excel Formulas, Pivot Tables
- AI Integration: Prompt engineering, AI-guided data scraping/cleaning, use of ChatGPT & generative AI for task automation & analysis

## Projects

ABAAS (AI-Based Accounts Analysis System): a command-line finance assistant that automates bookkeeping and analysis.

- Ingests transactions (Excel/CSV), cleans and categorises them.
- Detects GST/tax inconsistencies and prepares summaries.
- Builds Power BI dashboards for cash flow, dues, and KPIs.
- Automates repetitive reporting to save time and reduce errors.

Net result: faster bookkeeping, fewer mistakes, and clearer, real-time financial insights

## Professional Experience

Finance Assistant (Data Ops) – PM Modern Academy, Gaya | May 2024 – Apr 2025

- Managed structured financial data using Excel & CSV logs; reduced manual errors by 20%.
- Automated month-end reporting with Python scripts, improving efficiency.
- Worked with ₹8–10 lakh monthly datasets, supporting fee tracking, vendor payments, and expense management across 3 departments.

## Education

Bachelor of Computer Applications (BCA) – Ram Lakhan Singh Yadav College, Aurangabad:  
From Aug 2020 to Aug 2024

## Certifications

- Kushal Yuva Program – Bihar Govt (2021)
- Outreach Training Program – Prashant Advaid Foundation (2025)
- Additional: Online learning in SQL, Power BI, and Python-based data analysis