

Nihar Nagdeve

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EDUCATION

University of Mumbai (Lokmanya Tilak College of Engineering)

August 2020 – May 2024

Bachelor of Engineering in Data Science

CGPA: 8.5

TECHNICAL SKILLS

Programming & Data Science: Python, R, Machine Learning, Deep Learning, Statistical Analysis

Analytics & BI: Power BI, DAX, SQL, Excel, Data Modelling, Data Transformation

Automation & Audit: CaseWare IDEA, ITGC, ITAC, Power Automate, Process Automation

Specializations: Anomaly Detection, NLP (Document Summarization), Business Intelligence

WORK EXPERIENCE

Management Trainee

KKC & Associates LLP

April 2025 - Present, Mumbai

- Automated ITGC testing and data extraction workflows using Python & AI (reduced manual efforts by 40%).
- Designed Power BI dashboards for audit KPIs and partner-wise reporting with Row Level Security (RLS).
- Built an NLP-based PDF summarizer for policy & audit documents, enabling on-premises secure text analysis.
- Leading projects involving ITGC, ITAC, and process reviews to ensure adherence to internal and regulatory standards.

Data Analyst Intern

KKC & Associates LLP

September 2024 - March 2025

- Designed an Isolation Forest anomaly detection model (92% accuracy, reduced review time by 70%).
- Conducted audit data analysis using SQL, Power BI, Excel, and CaseWare IDEA.
- Automated recurring validation & reporting tasks via Power Automate.

PROJECTS

- GST Return Automation Tool (Streamlit, Python)** : [GitHub](#)
 - Automated GST R1 & 3B reconciliation, eliminating repetitive manual checks and reducing processing time by 70%.
 - Built a Streamlit app with data extraction, validation, and mismatch reporting handling 100+ reconciliation cases monthly.
 - Improved compliance accuracy to 99% through automated validation checks.
- ITGC Automation Tool (Python, Streamlit, Automation)** : [GitHub](#)
 - Streamlined an automation tool for ITGC evidence collection and validation processing 50+ control tests per cycle.
 - Integrated AI + scripting to minimize manual audit tasks reducing evidence collection time by 60%.
 - Achieved 60% faster control testing, freeing auditors for higher-value work.
- Private AI Policy Assistant (Ollama, Secure NLP)** : [GitHub](#)
 - Automated an on-premises NLP-based PDF summarizer using Ollama models to prevent data leakage.
 - Supported document upload, policy Q&A, and coding/general queries with 95% accuracy rate.
 - Reduced manual policy review effort by 50%.

CERTIFICATIONS

- Data Analytics Using Microsoft Power BI — TCR Innovation [Link](#)
- Fundamentals of Machine Learning with Python for Business & Data Analytics — YBI Foundation [Link](#)
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert — Udemy [Link](#)