

Nikhil Krishna R D

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Data Analyst | Automation & Insights Specialist

Innovative and impact-driven Data Analyst with strong experience in automating workflows, building dashboards, and generating actionable business insights. Adept in Python, Excel, and web frameworks with a proven track record of improving operational efficiency through data-driven solutions.

WORK EXPERIENCE

CAI Mahindra

Jul 2024 - Aug 2024

Data Analyst Intern

Coimbatore

- Analyzed ETBR (Enquiry–Test Drive–Booking–Retail) sales funnel and built conversion models for dealership insights.
- Automated 15+ Excel reports for Sales & Telecalling teams, improving turnaround by 80%.
- Built a Flask-based reporting tool for real-time KPI access, enhancing cross-team visibility.
- Partnered with interns to create automated dashboards for customer engagement metrics.

EDUCATION

Rajagiri College of Social Sciences

Jun 2025 - Mar 2027

Master of Science, Computer Science (Data Analytics)

Kumaraguru College of Liberal Arts and Science

Aug 2022 - Jun 2025

Bachelor of Science, Data Science

- **GPA:** 8.9
- **Achievements:** Champ of Data Science, Mahatma Gandhi Merit Scholarship (3 Times)

CERTIFICATIONS

- **Introduction to Python:** IBM Career Education Program
- **Data Analytics with Excel:** 360DigiTMG

PROJECTS

Smart Academic Documentation & Result Analysis Automation

Dec 2024 - Mar 2025

- Built a dynamic report generator to automate academic documentation and result analysis.
- Reduced manual documentation time from 2 hours to under 30 seconds using Flask and Python scripting.
- Developed dashboards for faculty workload and mark-splitting automation, integrated with role-based access control.

Event Report Automated Generator (In House & Currently Active)

Feb 2025 - Apr 2025

Kumaraguru College of Liberal Arts and College

- Designed and deployed a university event report generation system, actively used by faculty and staff across departments.
- Developed a dynamic, real-time form builder with live preview functionality using FastAPI and HTML5.
- Integrated DOCX document processing to generate professional-grade reports adhering to university formatting standards.

Anomaly Detection Using ResNet-50 (Capstone Project)

Dec 2024 - Mar 2025

- Developed an AI-powered anomaly detection system for defect classification in bottles and hazelnuts using ResNet-50, a deep learning model pretrained on ImageNet.
- Achieved 87% accuracy for bottles and 94% accuracy for hazelnuts, improving defect detection efficiency in industrial settings.

Automated Semester Marklist Processor for COE (In House & Currently Active)

Feb 2025 - Mar 2025

- Processed 1,400+ student records across 14 departments using Streamlit-based app.
- Reduced data processing from 2+ hours to under 2 minutes; output formatted and zipped for COE.

SKILLS

- **Language & Tools:** Python, R Programming, Java, HTML, JavaScript, MongoDB, Excel
- **Frameworks:** Flask, FastAPI, Node, Streamlit, TailwindCSS
- **Data & Visualization:** Pandas, NumPy, Matplotlib, Excel Automation
- **Concepts:** Data Cleaning, Workflow Automation, ETBR Analytics, Deep Learning (ResNet-50), Role-Based Access