SHARATH KUMAR

Data Analyst | 5+ Years of Experience in Data-Driven Decision Making

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PROFESSIONAL SUMMARY

Results-driven professional with over 5 years of experience in data-driven solutions, automation, and business process optimization, including 2+ years of hands-on expertise as a Python Developer. Skilled in designing and deploying scalable applications, backend systems, and APIs using Python, Django, and Flask. Experienced in building and implementing machine learning and deep learning models for predictive analytics, NLP, and computer vision. Strong background in SQL, ETL pipelines, and cloud technologies, with proven ability to transform data into actionable insights through automation and visualization. Adept at collaborating with cross-functional teams to deliver innovative, reliable, and high-performance solutions

KEY SKILLS & COMPETENCIES

CORE COMPETENCIES

- Data Analysis & Visualization (Power BI, Tableau)
- SQL/MySQL Database Management
- Data Cleaning, Transformation & ETL Pipelines
- Python Programming & Automation (Pandas, NumPy, PySpark)
- Dashboard Development
- Predictive Analytics & Basic Machine Learning
- Cloud Deployment (AWS)
- Data Quality Assurance & Data Governance
- Project Management & Team Collaboration

TECHNICAL SKILLS

- **SQL, MySQL-** Data Management, Queries, Joins, Optimization
- **Python (Pandas, NumPy, PySpark)-** Data Cleaning, Automation, Predictive Analysis
- **Power BI, Tableau-** Dashboarding, Data Visualization
- **ETL Processes-** Data Extraction, Transformation, Loading
- **AWS-** Cloud Deployment
- **GitHub, Visual Studio-** Version Control, DevOps Integration
- **ML –** Linear regression, Logistical regression.
- **AI –** Deep Learning, NLP, Tensor Flow, Pytorch, Keras.
- **CNN & RNN –** Image Processing & Text Processing

PROFESSIONAL EXPERIENCE

Data Management Engineer/Data Analyst | The Nahars Engineering India Pvt Ltd, Bengaluru
(Nov 2022 - Present)

- Developed interactive dashboards using Power BI and Tableau and looker studio enabling leadership to monitor key production and make data-driven decisions.
- Managed and optimized SQL/MySQL databases ensuring efficient data retrieval, reporting, and storage integrity.
- Automated data processing tasks with Python, reducing manual data handling by 30% and increasing reporting accuracy.
- Built and maintained ETL pipelines, integrating data from diverse sources to streamline analytics and reporting workflows.
- Deployed solutions on AWS and implemented AWS Cloud practices with GitHub and Visual Studio for version control.
- Conducted regular data audits and integrity checks, enhancing trust in data insights across teams.
- Led cross-functional projects aligning analytics initiatives with business goals, ensuring on time and within-scope delivery.

❖ **Key Projects**

➢ **HR Management System**
- Developed a web-based system for HR data management, leave tracking, and automated MIS report generation using **C#(asp.net), SQL**, and **AWS Cloud**.
- Designed end-to-end reporting solutions with role-based access, enhancing HR process efficiency.

➢ **Application Tracking System (ATS)**
- Developed a centralized **Application Tracking System (ATS)** for end-to-end recruitment management, enabling seamless candidate data capture, interview scheduling, and real-time status tracking across all hiring stages using **SQL Server**, **Python**, and **AWS Cloud**
- Automated candidate pipeline monitoring and recruitment analytics by building dynamic dashboards and MIS reports, helping HR teams track application progress, analyze hiring trends, and reduce manual reporting efforts.

Transaction Process Officer | Mphasis, Mangalore
(Jun 2018 – Jan 2022)

- Utilized advanced Excel functions (VLOOKUP, INDEX-MATCH, PivotTables, conditional formatting) to analyze large transaction datasets, identifying patterns, discrepancies, and root causes of operational issues.
- Created dynamic Excel dashboards and automated reporting templates to generate periodic performance and discrepancy reports, improving transparency and decision-making for operations teams.
- Collaborated with cross-functional teams by providing Excel-based data insights, enabling process optimization and enhancing service efficiency.
- Performed comprehensive data audits in Excel, applying formulas and data validation tools to improve accuracy and streamline workflows, resulting in measurable gains in operational efficiency.

EDUCATION

- **Bachelor of Mechanical Engineering** - Sahyadri College of Engineering and Management (Jun 2012 - Jul 2016)