

Harshita Patil

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SUMMARY

A data professional with over 2+ years of experience in managing and enhancing data-driven applications. Skilled in designing data solutions, optimizing data management processes, and providing comprehensive technical support. Proven ability to improve system efficiency, data accuracy, and team performance through innovative problem-solving and effective training.

TECHNICAL SKILLS

Programming Languages : Python, R, JavaScript, CSS, HTML
Database systems : SQL, MySQL, PostgreSQL
Libraries and Frameworks : Pandas, NumPy, Matplotlib, PyTorch, Keras, scikit-learn, TensorFlow,
Tools and Platforms : AWS, Tableau, Power BI, Excel, Service Now

WORK EXPERIENCE

Data Analyst - CrowdDoing

May 2024 – Present

- Designed and optimized advanced SQL queries to meet business requirements, improving data processing and retrieval efficiency.
- Collecting and analyzing wildfire data from all continents to develop a global understanding of wildfire patterns.
- Cleaning and processing raw data to ensure consistency and usability for future predictive analyses.
- Continuous monitoring and updates are performed using tools like GitHub and CI/CD pipelines to ensure real-time accuracy and reliability.

Research Assistant - New York Institute of Technology, New York City

Sep 2023 – May 2024

- Executed comprehensive data cleaning and transformation on medical datasets and improved data quality by 30%.
- Ensured high-quality and accurate inputs for machine learning models in cervical cancer research through meticulous data analysis.
- Integrated Python into coursework and research, enhancing efficiency and promoting innovation for students and faculty.

System Engineer- Atos Global IT Solutions and Services, Pune, India

Aug 2020– Aug 2022

- Automated daily data extraction from ServiceNow's API using Python, reducing manual workload by 80%.
- Created weekly SLA reports from ServiceNow data to track and resolve high-priority tickets, ensuring SLA compliance.
- Utilized MySQL to manage and analyze OpenScope Voice service request data from ServiceNow, performed data analysis.
- Created and deployed Power BI dashboards to visualize key metrics, improving decision-making speed and process optimization.
- Handled 25-30 service and incident requests daily, successfully maintaining and improving system components and functionality by 25%.
- Implemented configurations on Deployment servers and managed 1000 IP address allocations ensuring system accuracy and reliability with a 99% uptime.

PROJECTS

Sales Data Analysis | SQL, Power BI

- Conducted exploratory data analysis on hardware company sales data using SQL and Power BI, providing valuable insights to enhance customer experience and inform business decisions.

Designed Spotify Data Pipeline | AWS

- Build and deployed a data pipeline using AWS services to access, process, and store data from the Spotify API.

Breast Cancer Prediction | Python, Machine learning

- Designed and fine-tuned machine learning models (Random Forest, SVM, KNN) for breast cancer outcome prediction, attaining 96% accuracy using cross-validation and feature selection techniques.

CERTIFICATION

AWS Certified Cloud Practitioner: AWS Web Services

ITIL (Information Technology Infrastructure Library) V4: IT Service Management Certification

Tableau Essential Training: LinkedIn Learning

EDUCATION

New York Institute of Technology, New York City

Jan 2023 – May 2024

Master of Science in Computer Science

Pune University, Pune

Aug 2015 – May 2019

Bachelor of Engineering in Information Technology