AYUSH RAWAT

Python Developer | Automation | Data Analyst

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TECHNICAL SKILLS

- **Programming Languages:** Python (Proficient), Java
- **Databases:** MySQL
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel, Tableau
- **Automation & Tools:** OS, Shutil, Pathlib, API Integration, Scripting
- **Machine Learning:** Scikit-learn (Basics), Predictive Analysis
- **Others:** ETL, KPI Reporting, Data Cleaning, Data Preprocessing, File Handling

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PROJECTS

Festive Sales Analysis | Python | Pandas & Seaborn
- Performed Exploratory Data Analysis (EDA) and cleaned datasets using Pandas to ensure accuracy.
- Engineered interactive dashboards displaying revenue and sales, which became the sales team's most used tool and saved approximately 2 hours per week in report generation.
- Derived actionable insights to improve sales strategy and planning.

Retail Insight Dashboard | Power BI
- Constructed an interactive dashboard tracking Revenue, Quantity Sold, and other KPIs.
- Implemented dynamic filters for State, Age Groups, and Gender to allow customized analysis.
- Enabled management to quickly identify regional sales trends and make data-driven decisions.

File Organizer Bot | Python | Automation
- Implemented a **File Organizer Bot** to automatically categorize and sort files into structured folders based on type and creation date.
- Leveraged Pathlib, OS, and Shutil with robust error handling to ensure reliable automation and reduce manual effort.
- Optimized productivity for users managing large volumes of files; future scope includes Cloud integration, ML-based intelligent categorization, and GUI development.

Fake News Detection | Python | Machine Learning
- Preprocessed textual data using Pandas and NumPy for feature extraction and cleaning.
- Created a classification model with Scikit-learn to detect and label news articles as real or fake.
- Evaluated model performance using Accuracy and F1-Score to ensure reliable predictions.

INTERNSHIP EXPERIENCE

Intern – Code Soft | Frontend Developer   Sept 2024 – Oct 2024
- Developed and optimized responsive web pages using HTML, CSS, and JavaScript, improving page load speed by 30%.
- Collaborated with team members to implement UI enhancements and improve overall user experience.

CERTIFICATIONS

- **Deloitte Australia Data Analytics**   June 2025
  Created Tableau dashboards and performed Excel-based classification exercises.
- **Deloitte Technology**   Oct 2025
  Completed a job simulation involving development and coding
- **Tata Group Data Analytics**   Aug 2025
  Conducted data preprocessing and visualization for decision support and business insights.

EDUCATION

- **Sharda University** | Master of Computer Application (MCA) | 2023 – 2025
  Greater Noida, Uttar Pradesh
- **Teerthanker Mahaveer University** | Bachelor of Computer Application (BCA) | 2020 – 2023
  Moradabad, Uttar Pradesh

RESEARCH PUBLICATION

SHIELD: A Hierarchical Security Framework for Resource-Constrained IoT Devices at the Network Edge
- Published research on secure IoT communication and resource optimization at the network edge.