Prayag Srivastava

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Professional Summary

Highly motivated and detail-oriented Computer Science student with practical experience in Python development, database management, and building functional applications. Proficient in leveraging Python libraries (Pandas, NumPy) for complex data processing, utilizing SQL for robust data handling, and applying software development principles learned through coursework and internships. Seeking a challenging Python Developer role to contribute technical skills and commitment to producing efficient, well-structured code.

Internship Experience

Machine Learning Intern – Waysipre Technology *Aug 2024 – Oct 2024 | Remote*

- Engineered Python solutions to develop and deploy machine learning models for classification and prediction tasks.
- Gained experience in the full development lifecycle of data-intensive applications, including feature engineering and rigorous model evaluation.
- Work heavily involved Python scripting for automated data processing tasks.

Data Analyst Intern – Edunet Foundation *Dec 2024 – Jan 2025 | Remote*

- Supported strategic decision-making by querying and transforming structured datasets using SQL and Python.
- Used scripting to prepare data for visualization, demonstrating an ability to bridge database management with reporting needs.

Education

Regional College for Education Research and Technology – Jaipur *Jan 2026*

Bachelor of Technology (B.Tech) in Computer Science

Relevant Courses: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Python Programming.

Certifications

Microsoft Certified: Azure AI Fundamentals – Microsoft

Infosys springboard: Introduction to Data Science – Infosys

Technical Skills

Python, SQL, JavaScript (Basic), C++ (Basic), Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Jupyter, MySQL, Git (Basic), Jupyter Notebook, Excel, Power BI (Reporting), Object-Oriented Programming (OOP), Data Structures & Algorithms, REST APIs (Basic Understanding)

Projects

Placement Prediction Model (Classification Focus)

- Developed a classification model using Python and Scikit-learn to predict student placement status (Placed/Not Placed).
- Applied extensive data cleaning and transformation using Pandas to process features like academic history and soft skills.
- Implemented and tuned multiple classification algorithms (e.g., Logistic Regression, SVM) and evaluated performance using Accuracy and F1-Score.
- Demonstrates hands-on experience with predictive modeling and structured data handling in Python.

Energy Consumption Analysis Tool (Data Processing Script)

- Wrote Python scripts to clean, transform, and analyze large sales datasets, identifying seasonal trends and customer behavior patterns.
- Utilized Python to structure data, which was then fed into a reporting tool (Power BI) for interactive trend analysis.
- Demonstrates strong data manipulation and scripting skills vital for back-end development.

Exploratory Data Analysis of House Prices (Data Modeling)

- Created a comprehensive Python-based EDA script to clean, visualize, and model a House Price dataset.
- Focused on implementing robust data cleaning functions to handle missing values and out-liers, showcasing methodical code design.