

NUZHAT BANO

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OBJECTIVE

A detail-oriented Computer Science graduate with strong foundational knowledge in Java, object-oriented programming, and software development principles. Actively seeking an entry-level IT role or internship to apply and enhance my skills in a practical, team-oriented environment.

EXPERIENCE

Softpro Group (Lucknow, Uttar Pradesh) — *Summer Training* September 2024 - October 2024

- Collaborated, implemented, and managed databases using MySQL, gaining hands-on experience with data modeling, normalization, and querying.
- Developed web applications using HTML, CSS, JavaScript and Bootstrap, and collaborated with the team to deploy web development projects.
- Contributed to multiple data science and machine learning projects using Python, including data preprocessing, visualization, and modeling, and presented findings to the team.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS
Libraries/Frameworks: Pandas, NumPy, Matplotlib, React, Node.js, Bootstrap
Developer Tools: Git/GitHub, Visual Studio Code, IntelliJ
Databases: MySQL, MongoDB

EDUCATION

Qualification	Board/University	Year	CGPA/Percentage
BTech (IT)	Babu Banarasi Das Engineering College, Lucknow	2022 - 2026	8.0
Class XII (CBSE)	Surya Public School, Lucknow	2022	76.8
Class X (CBSE)	Surya Public School, Lucknow	2020	85.8

PROJECTS

Object Detection System | *Machine Learning — Real-Time Detection* September-2024

- Developed a real-time object detection system using the YOLO (You Only Look Once) algorithm in Python.
- Integrated OpenCV for video processing and real-time object tracking.
- Processed and analyzed detection data, storing output results in CSV format for further insights and visualization.
- Gained hands-on experience in deep learning, computer vision, and handling large datasets in a real-time application.

Rainfall Prediction System | *Pandas, NumPy, Django Framework, HTML, CSS and JavaScript* October-2024

- Developed a Rainfall Prediction System using Pandas and NumPy for data analysis and numerical computations.
- Utilized Django framework to design and implement a robust web application.
- Created an interactive user interface using HTML, CSS, and JavaScript.
- Successfully integrated data visualization and predictive modeling to enhance system functionality.

CERTIFICATIONS

- Smart India Hackathon (SIH) – GeeksforGeeks and Google Developer Student Clubs, BBDEC [\[https://shorturl.at/UlslV\]](https://shorturl.at/UlslV)
- HP Power Lab - Hindustan Petroleum Corporation Ltd [\[https://shorturl.at/N582I\]](https://shorturl.at/N582I)
- Data Analytics and Visualization Job Simulation – Accenture [\[https://shorturl.at/fPLad\]](https://shorturl.at/fPLad)
- Solutions Architecture Job Simulation – AWS APAC [\[https://shorturl.at/tT9r3\]](https://shorturl.at/tT9r3)

EXTRACURRICULAR

- Participated in Smart India Hackathon, collaborating with a team to develop innovative solutions to real-world problems.
- Honed problem-solving skills, teamwork, and coding abilities through this experience.

