NAME

Gul Bhatnagar

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CAREER OBJECTIVE

EDUCATION

10th and 12th- Loreto Convent Intermediate College Lucknow

Percentage in 10th: 95%

Percentage in 12th: 89%

Bachelor of Technology (B.Tech) – Computer Science Engineering
Vellore Institute of Technology, Bhopal
2022 – 2026 (Expected)
Current CGPA: 8.25

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, Java, HTML, CSS

Frameworks/Libraries: Flask, Scikit-learn, Pandas, NumPy, Matplotlib, React.js, Express.js, Node.js

Web Development: Frontend (HTML, CSS, JS, React.js), Backend (Flask, Node.js + Express), MongoDB

Tools:: VS Code, Git & GitHub, SQLite, Postman, MongoDB Compass

Concepts:: Full Stack Development, Machine Learning, REST APIs, Data Analysis, OOP, Database Management,Computer Networks,Operating Systems

PROJECTS

AI-Powered Personalized Study Assistant

Technologies: Python, Flask, OpenAI API, SQLite, HTML/CSS/JS

- Built a web-based AI study assistant that helps students create personalized study plans.
- Integrated GPT model to respond to academic queries using Flask backend.
- Implemented user data storage using SQLite and created a clean frontend.

House Price Prediction Model

Technologies: Python, Scikit-learn, Pandas

- Developed a regression model to predict house prices using features like location, area, and number of rooms.
- Preprocessed data, applied feature scaling, and used linear regression to achieve high accuracy.

Breast Cancer Prediction System

Technologies: Python, Scikit-learn, Matplotlib

- Built a classification model using Logistic Regression and Support Vector Machines.
- Visualized model performance using confusion matrix and ROC curve.
- Achieved over 95% accuracy in predicting malignant vs. benign tumors.

INTERNSHIP EXPERIENCE

Full Stack Developer Intern – Karvatech Solutions

Duration: June 2025-October 2025

- Worked on developing scalable web applications using the MERN stack (MongoDB, Express, React, Node.js).
- Built and integrated RESTful APIs, managed frontend UI using React, and handled backend logic with Node.js.
- Collaborated with senior developers on live client projects and followed agile methodologies.
- Gained practical exposure to version control, deployment, and testing workflows.

Machine Learning Intern – smartData Enterprises

Duration: November 2024-January 2025

- Developed ML models for business use-cases using Python and Scikit-learn.
- Preprocessed data, tuned models, and collaborated closely with the data science team.
- Learned practical deployment strategies and enhanced debugging and teamwork skills.

STRENGTHS

- **Quick Learner:** Able to adapt to new technologies and frameworks efficiently.
- Full Stack Development Mindset: Comfortable working across frontend, backend, and databases.
- **Strong Analytical & Problem-Solving Skills:** Experienced in debugging, optimization, and clean code practices.
- **Team Player & Communicator:** Collaborative in group projects and internships, with good documentation and communication habits.
- **Detail-Oriented:** Focused on writing maintainable code and delivering user-friendly interfaces.
- **Growth-Focused:** Actively seeking feedback and always striving to improve technical and soft skills.