



MODY UNIVERSITY OF SCIENCE & TECHNOLOGY
LAKSHMANGARH – 332311, Dist. Sikar
RAJASTHAN

www.modyuniversity.ac.in

Name: Bhakti Goyal

Father's Name: Mr. Achal Goyal

College ID: 220243

Programme: B.Tech

Branch: Computer Science

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OBJECTIVE

Results-driven Computer Science graduate seeking a software development role where I can leverage my skills in Python, SQL, and web technologies to develop efficient, scalable solutions. Eager to contribute to innovative projects, apply problem-solving expertise, and grow within a dynamic, technology-driven organisation.

AREA OF INTEREST

- Machine learning
- Artificial Intelligence
- DATA Analytics
- Software Development

EDUCATIONAL DETAILS

Bachelor of Technology in Computer Science|7.97CGPA
Mody University of Science and Technology, Rajasthan

2022-2026

Intermediate | CBSE | 81.66%
Sir Padampat Singhania School, Kota

2021-2022

High School | CBSE | 81.70%
Sir Padampat Singhania School, Kota

2019-2020

TRAINING

Completed a 12-day intensive training in Machine Learning from SkillForge, covering data preprocessing, model building, evaluation metrics, and deployment techniques. Gained hands-on experience with multiple classification algorithms and performance optimization.

PROJECTS

Mobile Price Range Prediction Model | SkillForge | 22nd August – 2nd September 2024

- Designed and implemented a machine learning classification model to predict the price range of mobile phones (low, medium, high, very high) based on 21 technical specifications (e.g., RAM, battery power, pixel resolution).
- Performed **data preprocessing**, including handling missing values, encoding categorical variables, and scaling numerical features for model readiness.
- Conducted **exploratory data analysis (EDA)** to identify feature importance and correlations affecting price range.
- Trained and evaluated multiple algorithms — **Multinomial Naïve Bayes, Logistic Regression, Decision Tree, and Random Forest** — using a train-test split.
- Applied **Count Vectorizer** and **TF-IDF Vectorizer** for feature extraction where applicable.
- Measured model performance with **confusion matrices** and **classification reports**, selecting the highest-performing model ([**Best Model Name**] – [**Accuracy %**]).

Key Skills: Python, Pandas, NumPy, Scikit-learn, Data Preprocessing, EDA, Model Evaluation, Feature Engineering, Machine Learning Algorithms.

Food Traceability System | Nobel Dehydrates | 1st June 2025 – 31st July 2025

- Designed and developed a **full-stack web application** to manage **raw material intake, production tracking, dispatch management, packaging details, stock monitoring, and traceability** for a food production company.
- Implemented **secure authentication** with user login/logout, role-based access, and password hashing.
- Created **data entry forms** and dynamic tables for production, dispatch, and packaging with **real-time computation** (e.g., total weight calculation, production waste).
- Integrated **file uploads** for invoices/photos, **search and sorting features** for all tables, and **data grouping** for traceability by product.
- Applied a **custom UI theme** (light pink, crème, golden) for an appealing, user-friendly interface.
- Used **Flask-SQLAlchemy** for database handling and ensured modular, maintainable code with templates and routes.
- **Deployed the application** to the cloud for multi-user access, enabling real-time data management from any location.

Key Skills: Flask, Python, SQLite, HTML, CSS, Bootstrap, SQLAlchemy, Jinja2, Authentication, Data Analytics, Cloud Deployment.



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COMPUTING SKILLS

- Programming: Python, C (Intermediate), SQL, Data Structures & Algorithms (Basic)
- Web Technologies: HTML, CSS, JavaScript
- Tools & Platforms: VS Code, Anaconda Navigator, IBM Watson
- Database Management: MySQL
- Operating Systems: Windows, Linux

CERTIFICATIONS

- IBM – Introduction to Cloud
- IBM – Cloud Application Developer
- IBM – Machine Learning
- IBM – Artificial Intelligence
- IBM – Predictive Modelling & Analysis

EXTRACURRICULAR ACTIVITIES

- **Co-Ordinator** of the Technical team for the college Magazine **ENGINIUM**
- **Event head** of the drama society of Mody University named BIS
- Was a member of the Hip-Hop dance society in Mody University for 2 years
- Contributed as an Active Volunteer in organising **DROID 6.0, DROID 5.0**, the Annual Technical Fest of Mody University of Science and Technology, 2024 and 2023.
- Was an Executive Member of the **Google Developers Student Club** at Mody University
- Won 1st position in Ideathon organised by IEEE student body of Mody University