

Y. FEROZA

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PROFESSIONAL SUMMARY

Motivated and detail-oriented BCA final-year student with expertise in Cloud Computing, Cybersecurity, and Ethical Hacking. Strong foundation in Python programming, database management, and machine learning. Experienced in developing secure applications and automation systems through academic projects. Actively seeking opportunities to apply problem-solving skills and gain industry exposure in a technology-driven environment.

TECHNICAL SKILLS

Programming Language	Python
Libraries	Pandas, NumPy, NLTK, Scikit-learn, Matplotlib
Development Frameworks	Tkinter, Streamlit
Databases	MySQL, MongoDB, SQLite
Tools	Git, GitHub, Jira, VS Code
Concepts	OOPS, Machine Learning, Data Analysis, Cloud Fundamentals
Methodologies	Scrum, Kanban
Soft Skills	Leadership, Communication, Problem Solving, Teamwork
Languages Known	English, Hindi, Kannada, Telugu, Urdu

EDUCATION

Bachelor of Computer Applications (BCA)	2022 – 2025
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Srinivas Institute of Technology, Bangalore

Specialization: Cloud Computing, Ethical Hacking, Cybersecurity

Score: 9.1 CGPA

Class XII	2022
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Karnataka Board

Percentage: 75%

Class X	2021
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Karnataka Board

Percentage: 89.6%

PROJECT EXPERIENCE

Email Spam Detection System

Designed and implemented a machine learning model to classify spam emails.

- Achieved 97% accuracy using TF-IDF Vectorization and Naive Bayes Algorithm.
- Performed data preprocessing, feature extraction, and classification.
- Tools: Python, NLTK, Scikit-learn, Pandas, Matplotlib

ATM Simulator Application

Jan 2025 – May 2025

Developed a secure ATM transaction simulation system.

- Implemented balance enquiry, withdrawal, deposit, and PIN management.
- Developed authentication system with user verification.
- Used file handling and database integration for account management.
- Tools: Python, Tkinter, SQLite/MySQL

Hotel Management System

Built an automation system for hotel operations.

- Managed check-in, check-out, customer data, and room availability.
- Implemented billing system and record management.
- Applied OOPS principles and database connectivity.
- Tools: Python, Tkinter, SQLite/MySQL

CERTIFICATIONS

- Cloud Computing Basics – Great Learning (2024)
- Introduction to Cybersecurity – Simplilearn (2025)
- Database Management System – Great Learning (2024)
- Object-Oriented Programming in C++ – Great Learning (2024)
- Introduction to MERN Stack – Simplilearn (2025)

ACHIEVEMENTS

- Promoted as Class Representative (CR).
- Ranked Top 3 in Class; College Topper in BCA.
- Delivered multiple functional Python projects during academic tenure.