

# Y. FEROZA

Bangalore, India — +91 9381416362

yferoza12@gmail.com — [linkedin.com/in/feroza-y-351390307](https://www.linkedin.com/in/feroza-y-351390307) — [github.com/Feroza25](https://github.com/Feroza25)

## 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

---

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

## EDUCATION

---

<b>Bachelor of Computer Applications (BCA)</b>	2022 – 2025
Srinivas Institute of Technology, Bangalore	
Specialization: Cloud Computing, Ethical Hacking, Cybersecurity	
Score: 9.1 CGPA	

<b>Class XII</b>	2022
Karnataka Board	
Percentage: 75%	
<b>Class X</b>	2021
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.