Lizy Linocy Barboza

📞 +91-6361127017 ✉ lizybarboza31@gmail.com 💼 linkedin.com/in/lizy-barboza 🐙 github.com/lizybarboza

Education

Sahyadri College of Engineering and Management — Dec 2021 – Jun 2025
Bachelor of Engineering in Computer Science — *Mangalore, Karnataka*

Indian School Al Seeb — Aug 2008 – Jun 2022
PCMC | Completed kindergarten to Grade 12 — *Muscat, Oman*

Experience

Product Engineering Intern – Joy Technologies — *Mar 2024 – Apr 2024*
- Completed a virtual internship focused on understanding how to transform ideas and visions into practical products and services.

Student Volunteer – IEEE COSMIC 2024 — *Nov 2024*
- Contributed as a student volunteer at IEEE COSMIC 2024. Managed MC duties, hospitality, and crowd control to ensure smooth coordination and guest satisfaction.

Projects

MBTI Personality Prediction Using Machine Learning | *Python, Scikit-learn, TF-IDF* — **Sept 2024 – Dec 2025**
- **Developed** a machine learning-based system to **predict MBTI personality types** from user-generated text, using advanced **NLP techniques** and **feature extraction** methods.
- Built the project to **improve system efficiency** and **automate personality analysis** for practical use in HR, education, or recommendation systems.
- Achieved an **accuracy of 83.37%** using **Logistic Regression** with **TF-IDF vectorization** to handle class imbalance, ensuring reliable and balanced results.

Exam Seat Allocation System | *MySQL, Oracle, PostgreSQL* — **Sept 2024 – Jan 2025**
- **Developed** a database-driven system to **automate exam seating arrangements** and reduce manual work for administrators.
- Designed and implemented the backend using **MySQL**, **Oracle**, and **PostgreSQL** to manage **students**, **faculty**, **rooms**, and **departments** with clear relationships.
- **Improved system efficiency** by minimizing data redundancy and ensuring **data integrity** through proper normalization.

Reactathon | *ReactJS, Node.js, Express, MongoDB* — **Jul 2024 – Aug 2024**
- **Developed** a web platform to **streamline hackathon management** with **participant registration**, **team formation**, and **project submissions**.
- **Implemented** secure **user authentication**, smooth **team/project management**, and an **admin dashboard** for **efficient event control**.
- **Enhanced system efficiency** and achieved **95%+ accuracy** in data handling using **ReactJS**, **Node.js**, **Express**, and **MongoDB**.

Technical Skills

Languages: Python, C, HTML, CSS, JavaScript
Developer Tools: VS Code, Git, GitHub, Jupyter Notebook
Databases: MySQL, Relational Database (Oracle), PostgreSQL
Other Tools: CAD , Solid Works, MS Excel, Blender

Organizations

Event Coordinator – Sahyadri Intellectual and Gallant Mascots of AI — *Sept 2024 – Present*
- Department-level cultural and technical events for AIML students, handling event scheduling, and participant engagement.
- Collaborated with faculty and students to handle activities, promotion, and engagement.

Graphic Designer – IEEE MSS SAC Design Team — *Jul 2023 – Jan 2025*
- Designed posters, certificates, and flyers for IEEE events, ensuring design criteria were met.
- Collaborated with team members to gather requirements, refine designs, and maintain consistent branding.

Achievements

- Led a group project to design and develop a database management system using SQL and MySQL. — *Jan 2025*

Certification

AWS Solutions Arthitecture
Designed a scalable Elastic Beanstalk architecture and explained its setup and costs to the client. — *Feb 2025*

Machine Learning
Built and trained supervised ML models for prediction and classification using Python, NumPy, and scikit-learn. — *Mar 2025*