

# Yamjala Bhavani

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## PROJECTS

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### A Chatbot

*Python, Chatterbot, NLTK, algorithms*

- Developed a **Python-based chatbot** utilizing **NLTK** library to facilitate seamless interaction, enabling users to query and receive responses effectively.
- Engineered **algorithms** for keyword matching and document similarity, ensuring accurate interpretation of user input and generation of contextually relevant replies, enhancing user experience and satisfaction.

### Smart Door Lock System (Fingerprint)

*Internet of things, finger-print sensor*

- Revolutionized access control and security monitoring through seamless integration of IoT tools into existing infrastructure, specifically targeting door lock systems.
- Empowered administrators with comprehensive insights and analytics regarding access patterns and usage trends, facilitating informed decision-making and proactive security measures.

## PROFESSIONAL EXPERIENCE

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[Prodigy Infotech](#) | Data Science Intern

12/2023 – 01/2024

- Executed thorough **data analysis** through techniques like **data cleaning** and **exploratory data analysis**.
- Employed **advanced visualization** methods to effectively communicate insights and trends, aiding informed **decisions-making processes**.

## EDUCATION

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**MLR Institute of Technology**

2021 – 2025

*Bachelor of Technology in Computer Science Engineering - Data Science( CGPA – 9.56)*

Hyderabad, India

**Sri Chaitanya Junior College**

2019 – 2021

*XII - Telangana State Board of Intermediate Education (Percentage: 94.6)*

Hyderabad, India

**Pragathi Model High School**

2019

*X - Telangana State Board of Secondary Education (CGPA-9.3)*

Hyderabad, India

## SKILLS

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**Tools | Programming languages | OS** (Microsoft Excel , Jupyter , Java , DSA , Python , C , Windows OS)

**WEB | DataBases** (Html ,CSS , JavaScript , SQL(Basics))

**Soft Skills** (Conceptual Skills , Problem-solving ,Skill Development)

## POSITION OF RESPONSIBILITY

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**SQUAD - Data Science Club**

2023/04 – 2025/05

*Photo-editor*

- Organized and led 1-Day workshop on Power BI for 150+ students, enhancing their skills in these fields.

## CERTIFICATIONS

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- Acquired a certificate for active participation in the Smart Door Lock System project by CIE(MIrit)
- Excelled in Introduction to Data science , Python Essentials by Cisco Networking Academy