

# BAYATHATHA GARI LIKHITHA REDDY

15-363, Anantapur, Andhra Pradesh 515001

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## Education

**JSS Academy Of Technical Education, Bengaluru**

**Dec 2022 – Jun 2026**

*Bachelor Of Engineering in Computer Science and Engineering*

*Bengaluru, Karnataka*

**Sri Chaitanya Junior College, Anantapur**

**Aug 2020– May 2022**

*Intermediate Education*

*Anantapur, Andhra Pradesh*

## Relevant Coursework

- Data Structures and Algorithms
- Computer Networks
- Database Management
- Operating Systems
- Object-Oriented Programming
- Artificial Intelligence

## Projects

**Text-to-Speech Converter using AWS Polly (Tkinter GUI) | Python, AWS Polly (Boto3), Tkinter**

**April 2025**

- Developed a desktop GUI application that converts user-input text into natural-sounding speech using Amazon Polly's neural voice engine.
- Integrated AWS SDK for Python (Boto3) to authenticate via AWS profiles and interact with Polly services for real-time text-to-speech synthesis.
- Handled audio stream processing by saving the synthesized speech to an MP3 file.
- Ensured secure and temporary storage of audio files using Python's tempfile module to manage system resources effectively.

**HandWritten Digit Recognition | Python, VS Code, Google Cloud Console**

**November 2024**

- \* Built a Python GUI application for digit recognition using Tkinter.
- \* Implemented image capture, dataset generation, and real-time digit prediction.
- \* Used OpenCV for image preprocessing and Scikit-learn's SVM for classification.
- \* Applied machine learning concepts to train a supervised model for digit recognition with accuracy tracking.
- \* Achieved automated dataset creation and live digit recognition with a pre-trained model.

## Technical Skills

**Languages:** C, Java, Python, HTML/CSS, SQL

**Developer Tools:** VS Code, Google Cloud Platform, Canva

**Technologies/Frameworks:** Linux, GitHub, MongoDB

## Training and Certification

**Pragati: The Path to the Future, Infosys Springboard:** Workshops and training sessions on various skill sets for women (Cohort 3).

**Artificial Intelligence Foundation Certification:** Infosys Springboard

**Artificial Intelligence Primer Certification:** Infosys Springboard

**Introduction to Artificial Intelligence:** LinkedIn Learning

**Deep Learning:** Infosys Springboard

**Introduction to Data Science:** Infosys Springboard

## Leadership / Extracurricular

**National Entrepreneurship Challenge**

**2024**

*Team Member*

*JSSATEB*

- Participated in IIT Bombay's National Entrepreneurship Challenge 2024.
- We, as team members of the NEC, organized a startup pitching event at JSSATEB. This event allowed young entrepreneurs to share their business ideas, receive valuable feedback from industry experts, and improve their entrepreneurial skills.

**National Service Scheme**

**2022 – Present**

*Core committee volunteer*

*JSSATEB*

- The NSS wing of JSSATEB involves the students actively in service and social welfare activities.
- Key initiatives include organizing blood donation camps, environmental drives, educational programs, and community development projects.