

# BHAVYA SRI CHATTUMALA

Eluru, Andhra Pradesh

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 linkedin

GitHub

## PROFILE

Aspiring Artificial Intelligence and Data Science Student with strong programming skills, eager to apply knowledge to real-world problems and grow in a dynamic environment.

## EDUCATION

- **Shri Vishnu Engineering College for Women, Bhimavaram** 2022–2026  
Bachelor of Technology CGPA: 8.61
  - **Sri Chaitanya Junior College, Eluru** 2020–2022  
Intermediate in M.P.C Percentage: 90%
  - **Akshara High School, Jangareddygudem** 2019–2020  
10th Standard Percentage: 99%

## TECHNICAL SKILLS

- **Programming Languages** : Python, Java
  - **CS Fundamentals** : DBMS, Machine Learning
  - **Databases** : SQL
  - **Web Technologies** : HTML, CSS
  - **Soft Skills** : Self-motivated, Team Collaboration, Quick Learner
  - **Languages** : English, Telugu

## PROJECTS

- **Crop Prediction System using Machine Learning** | *Python, ML, HTML, CSS*  CropPrediction  
Developed ML-based system using Random Forest to predict optimal crops with high accuracy. Integrated a web-based interface (HTML, CSS, Flask) for real-time predictions, reducing decision-making time for farmers.
  - **SMS Classification (Spam Detection)** | *Python, ML, Flask, HTML, CSS*  SMS-Classification  
Built a model using Logistic Regression and TF-IDF to classify SMS messages as spam/ham with high accuracy. Implemented real-time classification via Flask with a user-friendly interface.

## CERTIFICATIONS

- Data Science using Python – Harvard EdX
  - Level-1 Certification in C and Data Structures – Smart Interviews
  - Microsoft Excel – Introduction to Microsoft Excel - Coursera
  - NPTEL Certification in Database Management Systems

## INTERNSHIPS

- **Zero Trust Cloud Security** – Implemented Zero Trust principles to enhance cloud application security, focusing on secure authentication and encrypted communication.. *Eduskills (Virtual)*
  - **Data Science** – Worked on preprocessing and analyzing large datasets to generate actionable insights, improving ML model performances. *Skilledzire (Virtual)*

## CO-CURRICULAR ACTIVITIES

- Member of IEEE (Institute of Electrical and Electronics Engineers) student branch.
  - Participated in the WISE (Women in Software Engineering) program.