# Rishitha Naga Sri Paladugu

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## PROFESSIONAL SUMMARY

Innovative and motivated graduate with a strong foundation in software development and programming. Skilled in Python, SQL,HTML and CSS with hands-on experience gained through internships and academic projects. Quick to learn new technologiesand solve problems. Passionate about developing scalable applications and working collaboratively in team environments.Seeking an entry-level position to leverage technical skills and contribute to the success of the organization while continuingprofessional growth..

## TECHNICAL SKILLS

**Web Technologies** : HTML, CSS
**Programming Languages** : Python
**Databases** : MySQL
**IDE** : MS Visual Studio
**Operating Systems** : Windows

## EXPERIENCE

**Internships**|AICTE

### AI Intern - TechSaksham(Microsoft and SAP Initiative).| Nov 2024 – Dec 2024

- Designed a real-time Face Recognition Attendance System using Python and OpenCV.

- Achieved 95% model accuracy with CNN and face embedding techniques..

### AI Intern – IBM SkillsBuild (AICTE & Edunet Foundation).| Nov 2024 – Dec 2024

- Built a Steganography system using ASCII XOR for secure data hiding in images.

- Completed a 6-week AI internship focused on Python and data security.

## PROJECTS

**Project 1: SMS Spam Detection System**
**Role:**Python / ML Developer   |   **Team Size**: 2   |   **Environment**:Python, Streamlit, Scikit-learn, NLTK
**Description**: Built an ML-based web app to classify SMS messages as Spam or Not Spam using NLP and TF-IDF.
**Responsibilities**:
- Developed spam classification model using Scikit-learn.
- Applied text preprocessing with NLTK and TF-IDF.
- Created a Streamlit UI for real-time detection.

**Project 2: Water Potability Prediction**
**Role**: Python Developer   |   **Team Size**: 5   |   **Environment**:Python, Scikit-learn, Streamlit
**Description**: Predicted water potability using physicochemical features.
**Responsibilities**:
- Performed preprocessing, EDA, and feature analysis.
- Trained and evaluated models (SVM, RF, XGBoost).
- Deployed best-performing model using Streamlit.

## EDUCATION

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| NRI INSTITUTE OF TECHNOLOGY | **B.Tech in Computer Science and Engineering(AI&ML)**|CGPA:8.5 | *2022– 2026* |
| SARADA JUNIOR COLLEGE | **Intermediate, Board of Intermediate Education , AndhraPradesh**|Marks:692/1000 | *2020 – 2022* |
| SSVVESRAM PUBLIC SCHOOL | **SSC,BoardofSecoundaryEducation,AndhraPradesh**|Marks:588/600 | *2019 – 2020* |