# PINISINGI SAIKARTHIK

BTECH

As a passionate programmer and machine learning enthusiast, I excel in creating innovative solutions and swiftly mastering new technologies.project with high accuracy in spoken digit classification,

## Contact


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## Education

- BTECH

GITAM UNIVERSITY

2021-25

**9.71 CGPA (till 6th sem)**

- 12TH CBSE

Navy Children School

2020-21

**96.6% CBSE**

- 10TH CBSE

Navy Children School

2018-19

**91.6% CBSE**

## Hobbies

Coding
gaming
photography

## Experience

- Salcit technology (SWAASA)
  Hyderabad

As a Machine Learning Engineer, I have successfully developed and deployed a high-accuracy spoken digit classification system, achieving an impressive 97% accuracy within a one-month timeframe.. My experience includes creating models to predict body shapes and providing personalized dress recommendations, demonstrating my ability to translate complex data into actionable insights.

## Language

ENGLISH TELUGU HINDI

## Skills

- **PYTHON**: Advanced level
- **C LANGUAGE**: Intermediate
- **JAVA**: Intermediate
- **FLASK**: Advanced levelHTML: Advanced level
- **CSS**: Intermediate
- **JAVA SCRIPT**: Intermediate
- **MACHINE LEARNING (PYTHON)**: Advanced level
- **DBMS**: Intermediate
- **R PROGRAMMING:** Beginner
- **Socket Programming** : intermediate
- **EXCEL:** Beginner
- **MATLAB**: Intermediate
- **AUTOCAD FUSION 360**: Intermediate

## Courses

DATA STRUCTURES
DAA
COMPUTER NETWORK
OPERATING SYSTEM
CRYPTOGRAPHY
IOT
DATABASE MANAGEMENT

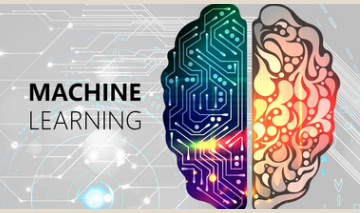
# INTERN PROJECT

Spoken Digit Classification, Developed a machine learning model achieving 97% accuracy in classifying spoken digits. Chatbot Development, Created an NLP-based chatbot for human interaction.

# MINOR PROJECTS

- **Face Mask Detection**: Developed a computer vision model to detect the presence of face masks, enhancing safety protocols in public spaces.
- **Hotel Management System (via OTP Login System)**: Created a secure hotel management system with OTP-based login to ensure authenticated access.
- **Fashion Recommendation Model:** Designed a model to recommend fashion items based on user preferences and historical data.
- **Credit Card Fraud Prediction**: Built a machine learning model to identify fraudulent transactions and reduce financial risk.
- **Email Spam Detection**: Implemented an algorithm to classify emails as spam or non-spam, improving email management efficiency.
- **Interactive Chat Bot**: Developed an NLP-based chatbot for engaging and interactive user experiences.
- **Iris Detection:** Created a model for detecting and classifying iris patterns.
- **Churn Prediction:** Designed a predictive model to identify customers at risk of churning and enhance retention strategies.
- **Digit Recognition Tool:** Developed a tool for recognizing handwritten digits with high accuracy, leveraging deep learning techniques.
- **Movie Genre Classification using Machine Learning:** Built a classification model to categorize movies into genres based on their attributes

## INTRESTED DOMAIN




# Ongoing Final Project: Health Bot Development

**Objective:** Develop a sophisticated health bot that functions as an online doctor, leveraging natural language processing (NLP) to analyze medical datasets. The bot will predict potential diseases and provide personalized medication recommendations based on user inputs.