



# MATTAM MALLIKARJUNA SWAMY

B.Tech. - Artificial Intelligence and Machine Learning

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Ballari, Karnataka, India - 583104



## BRIEF SUMMARY

Passionate Artificial Intelligence And Machine Learning student with a strong focus on solving complex, real-world problems through innovative thinking and practical development. Known for tackling challenging projects with a clear, analytical approach and the ability to break down large problems into manageable solutions. Comfortable working across different technologies and always eager to push boundaries and build something impactful.

## KEY EXPERTISE

C c++ Java Python DBMS Android Studio Data Structures AI AIML

## EDUCATION

### Ballari Institute of Technology and Management

2022 - 2026

B.Tech. - Artificial Intelligence and Machine Learning | Percentage: 82 / 100

### SRI CHAITANYA PU COLLEGE, Ballari

2022

12<sup>th</sup> | PUE Karnataka | Percentage: 80 / 100

### DREAM WORLD SCHOOL, Ballari

2020

10<sup>th</sup> | CBSE | Percentage: 64 / 100

## AWARDS AND SCHOLARSHIPS

- Secured merit scholarship for academic excellence in Engineering

## INTERNSHIPS

### EZ Training & Technologies (EZTS) | Academics / Research

10 May, 2024 - 17 Jun, 2024

Python Intern

Key Skills: Python

Developed and tested Python-based applications for real-world use cases- Strengthened debugging, collaboration, and agile development skills- Gained exposure to industry-standard software practices

## PROJECTS

### API:AI-Powered Virtual Interviewer

16 Mar, 2025 - 21 Nov, 2025

Mentor: B M Vidyavathi | Team Size: 4

Key Skills: HTML CSS Javascript Front-End Web Development Backend Full Stack

Project Link: [https://github.com/M-Mallikarjuna5617/https---github.com-M-Mallikarjuna5617-AI-Powered\\_Virtual\\_Interviewer](https://github.com/M-Mallikarjuna5617/https---github.com-M-Mallikarjuna5617-AI-Powered_Virtual_Interviewer)

The recruitment process is a critical phase for both job seekers and employers. However, traditional interview methods can be time-consuming, subjective, and resource-intensive. This project, titled "API: AI-Powered Virtual Interviewer," aims to modernize and streamline the pre-screening phase of recruitment through the integration of Artificial Intelligence. The system simulates a real-time virtual interviewer that interacts with candidates, evaluates their aptitude, communication skills, and behavioral traits, and provides instant feedback. The application is designed with multiple modules including student registration via Gmail authentication, resume and document upload, AI-driven company recommendation, online aptitude testing, group discussion simulation using natural language processing, and a personalized AI-based HR interview. The system leverages machine learning and speech/text analysis algorithms to assess candidate responses and generate comprehensive performance feedback. This innovative solution not only enhances candidate preparation for real interviews but also offers companies an efficient tool to shortlist applicants. The project demonstrates how AI can transform conventional hiring practices by offering scalable, fair, and intelligent preliminary evaluations.

### Inno\_Stay\_HotelManagement

Key Skills: Python HTML

Project Link: [https://github.com/M-Mallikarjuna5617/Inno\\_Stay\\_HotelManagement](https://github.com/M-Mallikarjuna5617/Inno_Stay_HotelManagement)

The Hotel Management System is a software solution designed to streamline and digitalize hotel operations. It allows easy management of room bookings, check-in/check-out processes, and guest records. The system keeps track of room availability, ensuring efficient utilization of resources. It supports staff in handling billing, generating invoices, and maintaining payment history. With secure

login, administrators can manage hotel services and update room tariffs. Customers can view available rooms and book them conveniently. The system reduces manual errors, saves time, and improves overall service quality. It provides a user-friendly interface that enhances guest experience and operational efficiency.

spam\_classifier\_project

Key Skills: Machine Learning Web Development

Project Link: [https://github.com/M-Mallikarjuna5617/spam\\_classifier\\_project](https://github.com/M-Mallikarjuna5617/spam_classifier_project)

The Spam Classifier Project is a machine learning and NLP-based web application that classifies text messages as either ham (legitimate) or spam (unwanted/fraudulent). It demonstrates the end-to-end workflow of preparing data, training a model, and deploying it in a real-time environment using Flask.

This project is useful for filtering promotional texts, preventing phishing attempts, and showcasing how AI can improve communication security.

Task-Manage-Application-main

Key Skills: Android Studio Mobile Application Development

Project Link: <https://github.com/M-Mallikarjuna5617/Task-Manage-Application-main>

Daily Task Manager is an Android Studio project developed to simplify task organization in daily life. It allows users to assign, edit, and track their everyday tasks efficiently. The app provides a structured way to manage pending and completed tasks. With a user-friendly interface, it ensures better productivity and time management. It acts as a digital assistant, reducing confusion and improving task prioritization. Overall, the project demonstrates effective Android app development focused on utility and simplicity.

ACHIEVEMENTS

- HACK-B22(2022): Participated in team-based innovation challenge

CO-CURRICULAR ACTIVITIES

- Participated in national-level hackathons and coding competitions.
- Completed certified courses in Python, Java, MySQL, and DSA.
- Developed academic projects like AI-Powered Virtual Interviewer and Daily Task Manager App using Android Studio.

EXTRA CURRICULAR ACTIVITIES

- Active member in cultural activities such as sports events and stage coordination
- Participated in debate, group discussions, and quiz competitions.

PERSONAL INTERESTS / HOBBIES

- Solving algorithmic challenges on HackerRank & LeetCode
- Exploring AI, machine learning, and mobile app development
- Playing Any outdoor sports and engaging in fitness activities
- Music & photography as creative outlets.

IMs

- WhatsApp - 9347307009

PERSONAL DETAILS

<b>Gender:</b> Male	<b>Date of Birth:</b> 17 Jun, 2005
<b>Marital Status:</b> Single	<b>Known Languages:</b> English , Telugu , Kannada ,Hindi
<b>Current Address:</b> Sp Cricle, Bank Colony, Ballari, Karnataka, India - 583104	<b>Phone Number:</b> +91-9347307009
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REFERENCES

- B M Vidyavathi**  
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