

# ABHINAV KRISHNA M.A

STUDENT/ASPIRING CODER

## CONTACT

91+ 87542 82272

morchalaabhinav@gmail.com

[www.linkedin.com/in/AbhinavKrishna21](https://www.linkedin.com/in/AbhinavKrishna21)  
Chennai, India

## PROFILE

A highly motivated student who seeks to develop myself in various fields. With my adept communication, teamwork, and adaptability skills, I'm confident in contributing my skills to the fullest wherever I am.

## CAREER OBJECTIVE

Looking for a chance to utilize my skills and knowledge for the growth of the organization and enhance my knowledge of new and emerging technology and industry developments.

## SKILLS

### PROGRAMMING SKILLS

- Python
- SQL
- C (Familiar)

### GRAPHIC DESIGN

- Canva

### NON-TECHNICAL SKILLS

- Decision-Making
- Communication
- Leadership
- Teamwork
- Adaptability

## EXPERIENCE

### Senior Operations Executive

KNOW I - ML Club

2023 - Present

Research Executive 2022 - 2023

- Learned to deal with various machine learning models with the given datasets.
- Learned to use data analysis and machine learning tools such as NumPy, Pandas, Matplotlib, and Scikit-learn.
- I've worked with various teammates on small-scale projects, which honed my technical knowledge and leadership qualities.
- Conducted research and analyzed multiple research papers on various machine learning projects and papers.
- I've helped conduct various technical and non-technical events and webinars on machine learning concepts, data analysis, and web development.

### General Secretary

Forum Of Data Science Engineers

2023 - Present

Joint-Secretary 2022 - 2023

- I've conducted multiple online and offline events such as webinars, mentorship programs, web scrapping events, and a hackathon.
- Likewise, I lead my team and conducted a 24-Hr hackathon, consisting of various problem statements.
- I've worked with various teams, professors, and other professionals to successfully conduct events and help share our knowledge.
- Furthermore, I've worked with my team on projects that were based on data science using tools like Excel, NumPy, Pandas, Matplotlib, and Scikit-learn.

## INTERN

DIYA Robotics

July, 2023 - Present (2 weeks)

- I've worked with professionals from various fields, such as the content and research team.
- I'm currently working on a project based on real-time robotics concepts and tools such as Micro-Python, and various sensors.

## EDUCATION

---

### B.TECH ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Sri Venkateswara College Of Engineering

2021 - Present

### HIGHER SECONDARY SCHOOL

Sir Mutha School

2021

### SENIOR SECONDARY SCHOOL

Lady Andal Venkatasubba Roa School

2019

---

## CERTIFICATIONS

---

### DATA SCIENCE WITH PYTHON

SmartKnower Edu Tech, Bengaluru.

September 2022 - November 2022

### FLUTTER DEVELOPMENT

Udemy

May 2023 - Ongoing

---

## LANGUAGES

---

English 

Tamil 

Telugu 

## PROJECTS

---

### VOICE ASSISTANT FOR MENTAL WELLNESS

A program that listens to the issue the user is facing and provides them with suitable mental assistance along with the addition of day-to-day features.

The project was built using various Python packages such as speech\_recognition, pygame, pyttsx3, etc.

For future developments, I plan on using machine learning concepts, NLP techniques, contextual understanding and other user requirements.

### EMERGENCY TRAFFIC CONTROL FOR AMBULANCES

Ongoing - An application that focuses on helping ambulances reach its destination at the earliest.

Tech Stack:

- SVM and KNN machine learning models
- Flutter
- NumPy
- Pandas
- Scikit-learn
- GoogleMap API
- MongoDB
- Dialogflow

It focuses on helping book an ambulance, clear the route to the most suitable hospital, and travel in the shortest route.

### ML BASED AUTOMATED AIR-CONDITIONERS

Ongoing at Intern - This project aims to understand a user's behavior and using an LSTM model it will predict how long the air-conditioner would run for. Using Temperature and Humidity sensors, it will maintain a comfortable environment for the user.

Tech Stack:

- LSTM deep learning model
- NumPy
- Pandas
- Scikit-learn
- TensorFlow
- MongoDB
- DHT 11 Sensor