

# Tangirala Karthik

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## EDUCATION

### Srinivasa Ramanujan Institute of Technology

*B.Tech in CSE(AI-ML)*

Anantapur

2020-2024

### Sri Chaithanya Junior College

*Intermediate in M.P.C*

Vijayawada

2018-2020

### Dr.K.K.R's Gowtham High School

*10th Standard*

Gudivada

2018

## EXPERIENCE

### AWS academy

*AI-ML Virtual Internship*

Virtual Internship

May – July 2023

- Completed an AI-ML virtual internship in aicte portal supported by aws academy and gained some knowledge about AI-ML

### Paloalto supported Cyber Security Virtual Internship Program

*Cyber security Virtual Internship*

Virtual Internship

Mar 2022 – May 2022

- Completed cyber security virtual internship supported by paloalto , eduskills and AICTE and learned some cyber security tools and technologies.

## PROJECTS

### ModelXpert

Python,PyCaret,Streamlit

- ModelXpert automates machine-learning tasks, saving time and enhancing scalability.
- The study implements ModelXpert using PyCARET and Streamlit, open-source libraries.
- The ModelXpert system outperforms manual approaches in speed and ease of use, validated on various classification tasks.
- The study provides useful insights for future improvements and is a valuable resource for non-experts, including practitioners, researchers, and educators.

### Gesture Controlled Mouse

Python, MediaPipe, PyAutoGUI

- Contributed to a project enabling the control of the computer mouse cursor using hand gestures, enhancing accessibility and user experience by using Mediapipe and PyAutoGUI

## HACKATHONS AND CODING CONTEST

### Smart India Hackathon

Participated in hackathon

- A smart water bottle tracks hydration, sets drinking goals, and promotes healthy habits with built-in sensors and mobile app connectivity.

### Flipkart Grid 5.0 Hackathon

Participated in hackathon

- During Flipkart Grid 5.0, I actively participated and successfully made it through to Round 1.2, showcasing my skills and potential in the competition.

### Hackwithsrut

Winner in coding contest

- Stood as a runner at this coding contest and got some prize money , which was held in our college by solving the questions in less time using java.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL , JavaScript, HTML/CSS,PHP, R

**Frameworks:** Node.js, StreamLit , Codeigniter, Bootstrap

**Developer Tools:** Git, Weka , Hadoop , VS Code, Visual Studio, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib