

# Movva Tarun Kanth

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🌐 Movva Tarun Kanth    📁 Portfolio

## EDUCATION

### B.Tech (Computer Science and Engineering),

*KL Deemed to be University*

08/2022 – 05/2026 | Vaddeswaram, India

CGPA: 8.51

### Senior secondary,

*KCP siddhartha adharsh residentials public school*

07/2020 – 05/2022 | Vijayawada, India

CGPA: 7.9

## INTERNSHIPS

### Teachnook

05/2024 – 06/2024 | Online

Completed a 2-month AI internship at Teachnook, where I developed a responsive chatbot with over 90% intent recognition accuracy. Gained practical experience in natural language processing and AI applications. This internship enhanced my understanding of AI and improved my ability to build intelligent, user-focused conversational systems effectively.

## CERTIFICATION

### SALESFORCE CERTIFICATION

(AI Associate)

### AUTOMATION ANYWHERE

(Essentials developer)

### ORACLE

(Foundations associate)

### MICROSOFT

(Azure AI fundamentals)

## HARD SKILLS

- Python, JavaScript, HTML and CSS
- MongoDB, MySQL, Node.js, RESTful APIs
- React, Google API Console, FastAPI
- Full-Stack Development

## SOFT SKILLS

- Problem Solving, Adaptability
- Self-Motivation, Attention to Detail
- Communication Skills, Time Management
- Fast Learning Ability, Creativity
- Visual Thinking, User-Centered Design Awareness
- Storytelling through Interfaces

## PROJECTS

### AI Study Buddy

- An interactive web app leveraging Gemini AI for smart studying. It offers a live chat with AI, flashcard generation, a quiz mode, and a study timer, all within a responsive, dark-themed UI. Built with Flask, HTML, Tailwind CSS, and JavaScript, this tool provides comprehensive AI-powered academic support.

### Vocal Crypt

- This application facilitates secure, offline text communication by encrypting messages into natural-sounding speech using ElevenLabs TTS and then decrypting them via speech-to-text. It employs hardcoded encryption/decryption keys and features auto-cleanup of sensitive files within a Tkinter GUI, ensuring private, local message handling.

### Agent Calender

- Engineered a Streamlit-based AI assistant for scheduling meetings through natural language conversations. Leveraging Gemini 2.0 Flash API for NLP and Google Calendar API for event management, it parses time-based requests and checks availability. This secure, cloud-deployed tool showcases seamless AI and API integration for intelligent scheduling.

### Trending Movies App

- Constructed a Flutter app for displaying trending movies, pulling data from the TMDb API. It incorporates infinite scroll, a functional search bar, and dedicated detail screens featuring YouTube trailers. The app leverages Provider for state, HTTP/Dio for network requests, and shimmer for loading, ensuring a responsive and efficient interface.

### Online Voting System

- A secure, full-stack online voting application using Python Flask and MySQL. The system features user registration with email verification, one-vote-per-user enforcement, admin dashboard, and password hashing. Integrated Flask-Mail for email notifications and designed a responsive, user-friendly interface with light/dark mode, enhancing both security and usability.

### Player Re Identification

- Leveraged YOLO and handcrafted computer vision features to develop a player re-identification system for multi-camera sports feeds. Achieved consistent player tracking and ID assignment within single views, with partial cross-camera ID transfer, aiming for full re-identification across broadcast and tacticam videos.

## Artistic Pursuits

### Pencil Sketch & Oil Painter

- Cultivated advanced skills in pencil sketching and oil painting, demonstrating creativity, attention to detail, and a strong understanding of composition and color theory.