

# Movva Tarun Kanth

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🌐 linkedin/MOVVA TARUN KANTH

## PROJECTS

### AI Study Buddy 🔗

- AI Study Buddy is an intelligent, conversational learning assistant developed using Python, FastAPI, LangGraph, and Gemini API. It supports multi-turn conversations, understands natural language queries, and provides interactive explanations, making it ideal for personalized tutoring. Designed to enhance engagement, it simulates real-time dialogue and adaptive learning.

### Vocal Crypt 🔗

- Vocal Crypt is a voice-based authentication system built using Python, Speech Recognition, PyDub, and FastAPI. It securely verifies users through unique voice patterns, combining audio processing, biometric authentication, and API integration. Designed for enhanced security, Vocal Crypt offers a seamless and innovative alternative to traditional password-based login systems.

### Agent Calender 🔗

- Agent Calendar is a conversational scheduling assistant built using Python, FastAPI, LangGraph, and Gemini API. It interprets natural language to check availability and book events via the Google Calendar API. Designed with multi-turn memory, it handles contextual queries and integrates seamlessly with Google OAuth, ensuring secure and dynamic scheduling.

### Trending Movies App 🔗

- Trending Movies App is a Flutter application built using Dart, Provider, and TMDB API. It features infinite scroll, search functionality, shimmer loading, and responsive UI. Users can view detailed movie info, cast, and embedded YouTube trailers. It uses http/dio, cached\_network\_image, and youtube\_player\_flutter for optimized performance.

### 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.

## COURSEWORK

Machine Learning  
Deep Learning  
Python Full Stack Development  
MERN Stack Development (MongoDB, React.js, Node.js)  
Java Full Stack Development with Microservices  
Database Management Systems (DBMS)  
Internet of Things (IoT)  
Operating Systems (OS)

## EDUCATION

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

08/2022 – 05/2026 | Vaddeswaram, India  
K L Deemed to be University  
CGPA: 8.51

### Senior secondary

07/2020 – 05/2022 | Vijayawada, India  
KCP siddhartha adharsh residence public school  
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 0)

### ORACLE

(FOUNDATIONS ASSOCIATE)

### AVIATRIX 🔗

(ACE(AVIATRIX Certified Engineer) ASSOCIATE)

## HARD SKILLS

Python, JavaScript, HTML and CSS  
MongoDB, MySQL, RESTful APIs

FastAPI, Streamlit, LangGraph  
Gemini API (Google Generative AI)  
Google Calendar API, Google OAuth 2.0  
dateparser, Streamlit Cloud, Git & GitHub  
Google API Console

## 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