

Deepak Chinthia

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Robotics Engineer Intern | AI/ML Engineer Intern | IoT Engineer Intern

I am an AI & Robotics engineering student who loves solving problems, researching deeply, and building real working solutions. I enjoy taking up challenging tasks—even when I have zero prior knowledge—and learning everything needed to complete them. My strengths include patience, courage, responsibility, and the ability to keep researching until I crack the solution. I have built projects in IoT, machine learning, NLP, automation, and APIs, including:

- ☒ IoT-Based Real-Time Stock Portfolio Indicator using ESP32 & DHAN API
- ☒ Twitter Sentiment Analysis Chatbot using NLP & ML

I prefer structured work, clear tasks, and routine workflows—but I'm always ready to explore new technologies when required. I enjoy working independently, but I can also lead and collaborate effectively when needed. My career interests include: Robotics Engineering | AI/ML Engineering | IoT Engineering | Automation | Research & Development | I am especially passionate about automobiles, robotics systems, and AI applications. I hope to work internationally in the future—particularly in Japan or Germany—and eventually build my own robotics/AI startup. I am currently seeking internships and entry-level roles in Robotics, AI/ML, IoT, or Research.

WORK EXPERIENCE

TEACHNOOK (TEACHSCAPE ONLINE LEARNING SERVICES PRIVATE LIMITED) •

August 2024 – October 2024

Internship Trainee

Bengaluru, Karnataka, India

- Developed a real-time Twitter Sentiment Analysis Chatbot using Python, NLP, and machine learning, enabling businesses to monitor and analyze public sentiment.
- Leveraged APIs to fetch and process live Twitter data, applying advanced sentiment analysis algorithms.
- Created data visualizations to present findings using Power BI and Tableau.
- Collaborated with cross-functional teams to deliver actionable insights and enhance user experience.

EDUCATION

Bachelor of Technology - BTech in Computer Science

Dayananda Sagar University • January 2023 – January 2027

High School Diploma in MPC

Sri Chaitanya College of Education • January 2021 – January 2023

CERTIFICATIONS

- Artificial intelligence with Teachnook** • October 2024 - Present
TEACHNOOK (TEACHSCAPE ONLINE LEARNING SERVICES PRIVATE LIMITED)
- Artificial intelligence with teachnook** • September 2024 - Present
TEACHNOOK (TEACHSCAPE ONLINE LEARNING SERVICES PRIVATE LIMITED)

PROJECTS

IoT-Based Real-Time Stock Portfolio Indicator using ESP32 and DHAN API • November 2025 - November 2025

Built a real-time IoT system using ESP32 microcontroller to fetch live stock portfolio data from DHAN API and display profit/loss using OLED and LED indicators. Implemented secure HTTPS API integration, JSON parsing, and financial data visualization. Designed a modular embedded system that updates every 30 seconds and categorizes holdings (Stocks, ETFs, Mutual Funds, Smallcases).

Twitter sentiment Analysis chatbot • September 2024 - October 2024

Developed a Twitter Sentiment Analysis Chatbot leveraging natural language processing (NLP) and machine learning. The chatbot efficiently analyzes tweets in real-time, identifying sentiments (positive, negative, neutral) to provide actionable insights. Integrated advanced models for accuracy, enabling businesses to monitor brand sentiment and make data-driven decisions.

SKILLS

- AI
- API Integration
- Computer Vision
- Embedded Systems
- ESP32
- IoT
- Machine Learning
- NLP
- Python
- Robotics