

# Ajay Chanumolu

B.Tech - (2022-26)  
Artificial Intelligence & Machine Learning  
Sagi Ramakrishnam Raju Engineering College

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. AI&ML	SRKR Engineering College	8.69	Till-3-2
Senior Secondary	APBIE Board	88%	2020-22
Secondary	CBSE Board	77%	2020

## EXPERIENCE

**SDE Intern, Truvig Systems** May 2025 – Present

*AI-Powered Recruitment Automation*

- Built an end-to-end automation pipeline using **n8n** to streamline LinkedIn candidate sourcing based on dynamic job descriptions.
- Integrated **Apify APIs** for large-scale LinkedIn profile scraping and filtering using custom role-specific parameters.
- Implemented **LLM-based semantic matching models** (e.g., Gemini) to rank candidate-job relevance and trigger automated email outreach for high-fit profiles.

**Cloud Intern, Takshalabs** Feb. 2024 – May. 2024

*Cloud Deployment*

- Deployed a PHP-based web application on an Azure Virtual Machine, configuring the cloud environment for seamless performance and secure access.

## PROJECTS

- DeepTrace: Multi-Modal Deepfake Detection** Jan. 2024  
*Deep Learning* GitHub
  - Built a deepfake detection system using ResNeXt+LSTM for video (accuracy: 83%), CNN for audio (accuracy: 96%), and DenseNet121 for images (accuracy: 99.4%).
  - Stack:** Python, PyTorch, TensorFlow, OpenCV, Jupyter
- Sclerosis Disease Prediction** Dec. 2024  
*Machine Learning* GitHub
  - Developed a Random Forest Classifier with RFE and hyperparameter tuning to predict sclerosis progression with 87.2% accuracy, evaluated using ROC-AUC.
  - Stack:** Python, Scikit-learn, Pandas, Gradio, Matplotlib
- Chat with PDF using AI** May 2025  
*Document Query Automation* GitHub
  - Built a workflow to extract PDF content, embed it using Gemini, and store in Pinecone for AI-based question answering.
  - Stack:** n8n, Gemini API, Pinecone, Google Drive
- AI-Powered Tweet Summarizer** June 2025  
*Social Media Intelligence* GitHub
  - Built a no-code workflow to extract Tweets, summarize with Gemini, analyze sentiment, and save results in Google Sheets.
  - Stack:** n8n, Apify, Gemini API, Google Sheets

## TECHNICAL SKILLS

- Programming:** Java, Python(familiar)
- Development:** Gradio, Streamlit, HTML, CSS, JavaScript
- Automation Tools:** n8n (workflows, webhooks, APIs, data pipelines)
- CS Subjects:** Data structures and Algorithms, OOPs concepts, Operating system
- Deep learning:** Familiar with Tensorflow, Keras, Standard Deep learning models and concepts

## POSITIONS OF RESPONSIBILITY

- Executive Body Member**, Association of Computer Engineers Club, SRKREC Aug. 2024 - Aug. 2025
- Android Core Team Member**, GDSE, SRKREC Aug. 2023 - Sep. 2024

## CERTIFICATIONS

- Java Programming Fundamentals**, GalileoX (edX) 2024
- Postman API Fundamentals Student Expert**, Postman 2024