

# LINGESH T

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## SUMMARY

Highly motivated Computer Science student specializing in AI/ML, with strong skills in model development, training, and evaluation. Proficient in Python, scikit-learn, and TensorFlow. Experienced in data preprocessing, algorithm implementation, and statistical analysis. Passionate about solving real-world problems, collaborating in agile teams, and contributing to innovative, impactful AI/ML projects.

## EXPERIENCE

### Project Intern – LLM Based Project

CDAC Chennai | Chennai, India

May 2025 – Jun 2025

Worked as a project intern on a Large Language Model (LLM) based project, gaining hands-on experience in advanced AI techniques and project development. Contributed to model training, data handling, and system integration tasks in a real-world research environment.

### Intern – Surface Mount Technology and Data Centers

ITI Limited | Bangalore, India

Jul 2024

Successfully completed internship at ITI Limited, Bangalore, focusing on Surface Mount Technology (SMT), Data Center operations, 4G lab, 3D printing, and T+L lab.

Gained practical exposure to industrial workflows, emerging technologies, and hardware management.

## EDUCATION

### Narayana Co Olympiad School - Nellore,Ap

Completed 9th and 10th - 99.8% (2019-2020)

### Green Park Int.School - Namakkal,TN

Completed 11th and 12th - 75% (2021-2022)

### Sri Krishna College of Technology – Coimbatore

Pursuing UG degree in CSE (AIML) - CGPA : 8.08 [2022 - 2026]

## VOLUNTEERING

Organized INTEL ONE API workshop

Organized WERSEL AI workshop

## CERTIFICATIONS

NPTEL Certification – Fundamentals of Artificial , Entrepreneurship

CISCO Certification – Networking & Infosys Certification – Spring Boot.

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## TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java
- **Web Technologies:** HTML, CSS, JavaScript, React.js, NEXTJS
- **Backend & Frameworks:** Spring Boot (REST API, JPA), Node.js, FastApi, ExpressJS
- **AI/ML & Data Science:** NumPy, Pandas, scikit-learn, TensorFlow, Keras, OpenCV, Matplotlib & Neural Network, Deep Learning, Computer vision, ML Algorithms.
- **Cloud & DevOps:** AWS Cloud Management, Git, Docker, CI/CD basics
- **Tools & Platforms:** Jupyter Notebook, Google Colab, Arduino Uno, web scraping Tools, Ollama, LLM models, huggiesface, Transformers
- **Databases:** MySQL, MongoDB, PostgresSql
- **Other Skills:** Data Structures & Algorithms (DSA), RESTful API Development, Model Training & Evaluation, Exploratory Data Analysis (EDA), Data Preprocessing

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## PROJECTS

### AI-powered Resume Builder Chatbot

Developed an AI-powered Resume Builder Chatbot using Python and NLP, enabling users to generate personalized resumes dynamically based on job roles, skills, and experience through interactive conversation.

### Vehicle Number Plate Detection

Implemented a Vehicle Number Plate Detection system using OpenCV, YOLO, and Tesseract OCR to detect and extract license plate information from real-time video streams for smart surveillance applications.

### Web Scraping with Automated Q&A Generator

Developed a web scraping and automated Q&A system using Python and custom scraping pipelines. Integrated Hugging Face T5 model with the Ollama framework and Llama 7B LLM. Generated high-quality, context-aware question-answer pairs automatically. Enabled dynamic knowledge base creation for chatbots, education, and information retrieval.

### AI-Powered Task Management Web App

Developed a full-stack AI-integrated Task Management application using React (Vite), FastAPI, and Firebase, enabling users to create, update, and organize tasks efficiently. Integrated advanced features such as natural language task creation, AI-based suggestions, productivity insights, voice-to-task input, and multilingual support. Implemented JWT authentication, dark/light mode, reminder emails, Lottie animations, and chatbot assistance, delivering a modern, intuitive, and intelligent user experience.

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## LANGUAGES

I Know Tamil ,English ,Hindi,Telugu.

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## SKILLS

Possesses strong organizational, time-management, communication, and interpersonal skills. Detail-oriented, capable of managing multiple tasks, and thrives independently or in a team.

**Git Link** - [github.com/lingesh0](https://github.com/lingesh0) , **LinkedIn** - [www.linkedin.com/in/t-lingesh-a879b5249/](https://www.linkedin.com/in/t-lingesh-a879b5249/)