

Karri Aditya Lakshmi Narayan

Andhra Pradesh, India | B.Tech. in Computer Science (AI) | Pragati Engineering College

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🌐 LinkedIn | 🐙 GitHub | </> LeetCode | >_ HackerRank

OBJECTIVE

Computer science engineering student with practical experience in Python, machine learning, deep learning, and full-stack development. Skilled in building end-to-end applications, training predictive models, and working with structured data using tools like scikit-learn, Streamlit, and MySQL. Strong background in algorithms, data analysis, and system design. Looking for a role where I can apply my technical knowledge to solve real-world problems through well-structured, scalable software and intelligent systems.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Pragati Engineering College	8.68 (Current)	2022 - Ongoing
Senior Secondary	Narayana Junior College	95.7%	2020 - 2022
Secondary	Narayana E.M School	99%	2020

SKILLS

Programming Languages

Python, Java, C

Operating Systems

Windows, Linux

Database Management

MySQL

Artificial Intelligence

Machine Learning, Deep Learning

NLP, GenAI

Web Development

Streamlit, FastAPI

HTML, CSS

Tools & Practices

Git, GitHub

Docker, Prompt Engineering

Fast learning, Analytical Reasoning

PROJECTS

•Movie Recommendation System

[Live Demo](#) | [GitHub Repository](#)

- Built a personalized movie recommendation system using **KNN-based hybrid filtering**, combining user behavior and content features to simulate adaptive decision-making.
- Improved prediction accuracy by **30%** through vector-based similarity analysis across **10,000+ movies**, supporting over **1,000 user sessions** with **95% system reliability**.
- Applied concepts from **agent-based modeling** and **preference-driven reasoning** to deliver context-aware recommendations resembling early-stage LLM personalization.

•Disease Prediction and Medication System

[Live Demo](#) | [GitHub Repository](#)

- Developed an AI-powered diagnostic tool using a **Random Forest Classifier** to predict **50+ diseases**, improving classification precision by **35%** through symptom-based learning.
- Designed an autonomous system that analyzes symptoms and suggests medications by leveraging **structured clinical datasets**, emulating **reasoning-based decision workflows**.
- Built an interactive healthcare interface that delivers **real-time predictions under 1.5 seconds**, adapting recommendations to varied patient inputs for better outcome accuracy.

INTERNSHIPS

- **Smart Internz – Google Cloud Gen AI Virtual Internship (Certificate)** *September 2024 – October 2024*
 - Designed and deployed scalable **Generative AI** solutions for **5+** Google Cloud projects, achieving a **90%** deployment success rate.
- **Cohort-Based Virtual Internships (Multiple Domains) (Certificates)** *2023 – 2025*
 - Completed **8+** **virtual internships** across key domains including **RPA (UiPath, Blue Prism)**, **Cybersecurity (Palo Alto)**, **AI-ML and Android Development (Google)**, **Web Development**, **Ethical Hacking**, and **Employability Skills**. Gained practical exposure to industry tools, automation platforms, and secure software practices.

CERTIFICATIONS

Global Certifications:

- **Google Associate Cloud Engineer (Certificate)** *(June 2025 – June 2028)*

Earned the **Google Cloud Associate Cloud Engineer** certification by demonstrating proficiency in deploying, managing, and securing scalable cloud solutions using Google Cloud services.
- **Salesforce AI Associate (Certificate)** *(October 2024)*

Optimized Salesforce ecosystems using AI methodologies, automating manual processes by **20%** and enhancing workflow efficiency.

Other Certifications:

- **NPTEL DBMS Certification (Certificate)** *(March 2025)*

Completed NPTEL's 8-week Database Management System course with a score of **61**, demonstrating solid grasp of core database principles.
- **HackMela 2024 - Certificate of Awesomeness (Certificate)** *(December 2024)*

Participated in HackMela 2024, a **24-hour hackathon** at KKR and KSR Institute, Guntur, showcasing innovation, technical reasoning, and creativity.
- **NPTEL Python for Data Science Certification (Certificate)** *(September 2024)*

Achieved a top **5%** rank among **11,133** participants by mastering Python-based data analysis and developing scalable visualizations.
- **Python Programming Certification (iiit) (Certificate)** *(May 2023)*

Reduced code execution time by **15%** through advanced Python programming techniques, improving performance efficiency.

ACHIEVEMENTS

- **1st Rank in CODING BATTLE, DIKSUCHI** *(January 2025)*

Achieved 1st place in coding and poster presentation competitions during the Strides 2K24 event.
- **1st Rank in DELIBERATE, SLIDETECH** *(March 2024)*

Secured 1st place in debate and paper presentation events, outperforming over **100+** participants.
- **Semifinalist in Master Oriented Championship** *(October 2023)*

Ranked in the top **10%** out of over **1000+** participants nationally in the Master Oriented Championship.

INTERESTS

- Participating in hackathons and coding competitions
- Exploring the design of autonomous language agents with memory, planning, and tool-use capabilities in multi-agent environments
- Engaging in public speaking events and workshops
- Volunteering for local community tech initiatives