Karne Karthikeshwar Reddy

AI/ML Developer — Full Stack Engineer — AgriTech Innovator
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EDUCATION

- **DDMS P OBUL REDDY PUBLIC SCHOOL** — Hyderabad, India
  Higher Secondary Education; Percentage : 95.8 — June 2021- March 2023
  Courses: *Python , MySQL , Maths , Physics , Chemistry , English*

- **Symbiosis Institute of Technology** — Pune, India
  Bachelor of Technology- Artificial Intelligence and Machine Learning; GPA: 8.66 — August 2023- June 2027
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

- **Symbiosis Institute of Business Management** — Pune, India
  Diploma in Business Management; GPA: 8.66 — June 2025- June 2026
  Courses: *Economics , Business Stats , Financial Management , Accounting*

SKILLS SUMMARY

- **Languages**: Python, HTML , CSS, C, JavaScript, SQL, JAVA
- **Frameworks**: Scikit, NLTK, SpaCy, TensorFlow, Keras, Flask , Langchain
- **Tools**: Docker, GIT, PostgreSQL, MySQL, SQLite , HuggingFace
- **Platforms**: Linux, Web, Windows, GCP , Streamlit Cloud, Aiven
- **Soft Skills**: Leadership, Event Management, Writing, Time Management

EXPERIENCE

- **Intern** — SCAAI
  Research and Project Intern — June 2025 - Present

PROJECTS

- **FarmIQ – AgriTech Platform (AI, Agriculture, NLP, Computer Vision)**: (Work in progress) An end-to-end platform empowering smallholder farmers with AI-powered analysis. Tech: Flask, React, PostgreSQL, LangChain, TensorFlow, MySQL (May '25)   View

- **LearnGenie – AI EdTech Assistant (NLP, Education, AI)**: Personalized learning assistant utilizing NLP and OpenAI to recommend study materials.Helped 200+ students get personalized content recommendations. Tech Stack: Python, Flask, NLP, LangChain. (February '24)   View

- **Data2Model – No-code ML Model Training Platform (Machine Learning, Automation)**: Comprehensive ML platform for training different machine learning models with a single click.Enabled over 50 users to train ML models without coding. Tech Stack: Python, TensorFlow, Scikit-learn, Flask, React. (March '25)   View

- **Recruit Edge – Company Automation Software (LLMs, HR Tech)**: Smart assistant using LLMs to analyze and match profiles to job descriptions, ranking candidates based on fit. Tech Stack: Flask, React, PostgreSQL, LangChain, TensorFlow, MySQL. (February '25)   View

- **Vizquery – AI-Powered Data Query Tool**: Enables users to query and visualize data in natural language, generating instant charts and insights without SQL knowledge. Tech Stack: React, Flask, PostgreSQL, LangChain, Chart.js. (February '25)   View

- **EZAccounting – Simplified Business Accounting Platform**: Web-based accounting solution for small businesses, automating invoicing, expense tracking, and financial reporting. Tech Stack: React, Flask, MySQL, Tailwind CSS. (June '25)   View

- **Hindustani vs Carnatic Audio Classification (Audio Processing, Machine Learning)**: Developed an ML model to classify Hindustani and Carnatic music using audio features; deployed via Streamlit. Tech Stack: Python, Librosa, Scikit-learn, Pandas, Streamlit.(July '24)

HONORS AND AWARDS

- Grand Finalist at New India Vibrant Hackathon from All over India 2023
- Finalist at Aarambh Season 1 among 800 Teams (Entrepreneurial Meet) at SBUP Pune
- 3rd Place out of 100+ teams at Aarambh Season 2 (Business Pitching Competition)- 2025
- Finalist at Entrepreneurial Meet at BITS Pilani, Goa Campus
- Finalist at The Better Hackathon , WeWorkSpaces(Top 5 percent out of 300+ entries)