KARTHI KEYAN

Phone: +91-6380837262 Email: [learndemokart@gmail.com](mailto:learndemokart@gmail.com) GitHub: github.com/skarthi369 LinkedIn: linkedin.com/in/karthi-keyan-s-115524274 Location: Chennai, India

# PROFESSIONAL SUMMARY

Current B.Tech student in Artificial Intelligence and Data Science, passionate about Artificial Intelligence, Ma- chine Learning, Deep Learning, and Natural Language Processing (NLP). Proficient in Python, TensorFlow, and PyTorch, with hands-on experience in academic projects involving model development, data cleaning, and AI research.

# SKILLS

* **Programming**: Python, Java, C/C++
* **AI/ML**: Artificial Intelligence, Machine Learning, Deep Learning, Neural Networks, NLP, Supervised/Unsupervised Learning
* **Frameworks**: TensorFlow, PyTorch, Scikit-learn, OpenCV
* **Tools**: Jupyter, Git, Pandas, NumPy, Streamlit
* **Data**: Data Science, Data Cleaning, Visualization, Statistical Analysis

# JOB AVAILABILITY

* Available for a 6-week work-from-home internship.
* Can start between May 15, 2025, and June 19, 2025.
* Skilled in AI, Machine Learning, and Data Science.

# ACADEMIC PROJECTS

**NextGen 3.0 Firewall**: Developed a real-time intrusion detection system using Random Forest, integrated with Streamlit for dashboards.

**Voice Assistance Chatbot**: Built a TTS-enabled chatbot using NLP, achieving 85% accuracy in query re- sponses.

**Deepfake Detection Using CNN**: Created a CNN model for manipulated media detection with OpenCV and TensorFlow.

**DiabetesCare – Food Analyzer**: Designed an AI-based image recognition app for dietary recommendations. **NLP Text Summarizer with Tone Control**: Engineered a tone-adjustable text summarizer using NLP (Winner, Prompt-o-Mania 2024).

# EDUCATION

**B.Tech in Artificial Intelligence and Data Science, S.A. Engineering College, Chennai, India Sep 2022 – Jun 2026 (Expected)**

# CERTIFICATIONS

* IoT, Centre for Entrepreneurship Development, 2024
* Python, IIT Guvi, 2024

# ACHIEVEMENTS

* Winner, Sparkathon (Cybersecurity Innovation), 2024
* Winner, Prompt-o-Mania (NLP Text Summarizer), 2024