

KARTHICK T

No.15. Venkatajalapathy Nagar, Thirubuvanai, Puducherry-605107

☎ +91 9787269187

✉ smvecdsofficial@gmail.com

🌐 [linkedin.com/in/karthick-t-](https://www.linkedin.com/in/karthick-t/)

🐙 github.com/Karthi978726

Summary

A tech enthusiast skilled in chatbot development, sentiment analysis, and NLP platforms, with expertise in Python, big data, and frontend development. I've successfully created interactive solutions that enhance user experiences and business operations. My technical expertise, strong problem-solving skills, and proactive approach to learning and adapting make me a valuable asset, committed to delivering impactful results for your team.

Education

Sri Manakula Vinayagar Arts and Science College

Bachelor of Science in Data Science and Analytics

2022 – 2025

Madagadipet, Puducherry

Relevant Coursework

- Data Structures
- Machine Learning
- Big Data Analytics
- Database Management System
- Artificial Intelligence
- Internet Technology
- Data Visualization
- Chatbot Development

Experience

Askan Technologies

Frontend Developer Intern

Jan 2024 – Jan 2024

Kottakuppam, Tamilnadu

- Gained hands-on experience in frontend development using HTML, CSS, and JavaScript.
- Contributed to the design and development of responsive, user-friendly web pages.
- Optimized website performance by improving load times and reducing unnecessary code, resulting in a faster and more responsive user interface.
- Implemented a comprehensive code review process that identified and eliminated over 1,500 lines of redundant code, leading to a 25 percentage increase in site responsiveness and smoother user interactions.

Datanerdz.ai

Chatbot Development Intern

June 2024 – July 2024

Muthialpet, Puducherry

- Developed and deployed a custom chatbot, enhancing user engagement by integrating advanced NLP techniques using Python.
- Optimized chatbot performance by reducing response time by 15% and improving accuracy by 20%.
- Integrated chatbot solutions into web platforms, improving user interaction and streamlining backend operations.
- Designed an automated testing framework for chatbot dialogues, reducing manual testing efforts by 30%.

Projects

Chatbot AMD | Python

July 2024

- Developed a custom chatbot named **Chatbot AMD** using **Python** for automating customer interactions.
- Integrated Natural Language Processing (NLP) algorithms to enable the chatbot to understand and respond to user queries in real time.
- Improved customer service efficiency by reducing response times and enhancing the accuracy of chatbot interactions.
- Deployed the chatbot across multiple platforms, including websites and social media, contributing to a 20% increase in user engagement.

Enhancing English Communication Skills Using NLP and Speech Recognition | Python, HTML, CSS, October 2024

- Developed a platform to enhance **English communication skills** using **Natural Language Processing (NLP)** and **Speech Recognition**.
- Enabled real-time analysis of spoken language, identifying and correcting grammatical errors during conversations.
- Integrated **speech-to-text** functionality, allowing users to practice speaking while the system provided real-time feedback and corrections.
- Designed an intuitive user interface and used Python's **speech recognition** library for accurate voice input processing, resulting in an interactive learning tool for users.

Technical Skills

Languages: Python, C, HTML/CSS, JavaScript, SQL, NoSQL

Developer Tools: VS Code, Oracle, Power Bi, Pycharm

Technologies/Frameworks: Linux, GitHub, WordPress