

KANISHKARAN M

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EDUCATION

B.Tech Artificial Intelligence and Data Science	2021 – 2025
Velammal Engineering College	8.34 CGPA
Class 12	2021
Velammal Vidhyashram (CBSE)	85.4%
Class 10	
Velammal Vidhyashram (CBSE)	89.4%

INTERN EXPERIENCE

Inblue infotech	02/2024
Implemented a Internal Database Cleaning system in python	
Project Intern at TANSAM	12/2023
Engineered a machine learning algorithm to detect defects in PCB manufacturing, identifying issues such as missing components and dents; optimized quality control process, reducing rework by 40% and increasing production efficiency by 25%	
Data Science Intern, Pantech E Learning	04/2023 – 05/2023
Executed various exploratory data analyses on telecom customer churn and sales prediction projects, leveraging regression and classification models, and implemented NLP techniques for fake news detection.	

PROJECTS

Natural Language to SQL Using Llama Index
Developed a System using Tiny llama, a light weight LLM model and Llama index to Convert Natural language to SQL to retrieve Appropriate data
Medical Chatbot
Designed and developed a Medicine ordering chatbot that takes in prescriptions provided by doctor and orders medicine based on availability. Model achieves accuracy about 95% for context understanding
Violence Detection System
Designed a Smart Surveillance and Crime/Violence Prevention model can be used with current CCTV systems that detects violent anomalies with a accuracy above 90%.
AI Chatbot
Developed and implemented a Customizable AI Chatbot utilizing NLP and Machine Learning techniques with a accuracy above 95%.

CERTIFICATES

- Machine Learning Specialisation 📄
- Introduction to Artificial Intelligence, NPTEL
- Python for Data Science, NPTEL

SKILLS

Programming Languages (Python, C, C++)	Web Development (Html, Css, Javascript, React)	
Database (SQL), Git & GitHub	BI TOOLS (PowerBI)	Gen AI(Langchain, Llama-index)

ADDITIONAL DETAILS

- Participated in 24 hrs make-a-thon 5.0 conducted SVCE
- Attended Frontend Development with Node.js Workshop as part STEP by CDW
- Member of Youth Red Cross
- Achieved 3rd place in Duo Developers Event, Symposium conducted by SRM Easwari