

THISHUKUMAR

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EDUCATION

VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY PUTTUR

Bachelor of Engineering in Artificial Intelligence & Machine Learning

Cumulative GPA (till 6th semester): 8.1/10.0

Relevant Coursework: Artificial Intelligence; Machine Learning, Deep Learning; Python programming;

DK, Karnataka

Expected May 2026

AMBIKA PRE UNIVERSITY COLLEGE PUTTUR

Percentage: 84.93%

DK, Karnataka

2020-2022

WORK EXPERIENCE

SYSTEMTRON (Information service company)

Machine Learning Intern

Remote

April 2024 onwards

- Gained hands-on exposure to Supervised and Unsupervised learning, model training, and evaluation in global power consumption impact.
- Strengthened problem-solving ability by applying ML techniques to diverse case studies.
- Learned to handle real-world datasets with preprocessing, feature engineering, and cleaning steps

PROJECTS

AGENTIC AI POWERED JOB MATCH & COVER LETTER GENERATOR

Ongoing

- Identified that cover letters often fail to align with company-specific job descriptions..
- Built an Agentic AI system that first searches relevant jobs using the uploaded resume.

AI-POWERED PDF Q&A GENERATOR

Dec 2024

- Developed a smart PDF-based Q&A system using Google Gemini and LangChain.
- Enabled users to upload PDF and receive context-aware answers via Streamlit..

PNEUMONIA DETECTION USING CHEST X-RAYS (VGG16)

Nov 2024

- Applied transfer learning with VGG16 to detect pneumonia from chest X-rays.
- Implemented multitask prediction for pneumonia presence and subtype classification.

MEDICAL BOOK CHATBOT

May 2025

- Built a chatbot that analyzes complex medical books and provides accurate answers.
- Implemented FAISS vector database with LangChain for efficient document retrieval..

SKILLS

Technical Skills: C/Cpp, Python and Machine Learning, Deep Learning, Generative AI and LLMs; Logic Building, Problem Solving;

Software Development: Code architecture, Git, problem-solving, debugging.

Soft Skills: Fluent in English, Kannada, Hindi; Presentation skills; Collaborative working and team building skills;

CERTIFICATES

Deep Learning for Computer Vision (NPTEL, Ongoing)

C++ Programming– SoloLearn (2024)