ARVIND R K

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🪪 SUMMARY

A motivated fresher seeking an IT role, with a solid foundation in various tools and technologies. I have gained hands-on experience through internships and personal projects, showcasing my ability to learn quickly and adapt. Eager to apply my existing skills in an IT company, I am committed to contributing to organizational growth and enhancing my knowledge while gaining valuable industry experience.

🎓 EDUCATION

Rajalakshmi Institute of Technology, Bachelor of Engineering in Computer Science
8.1 CGPA
2021 – 2025
Chennai, India

Velammal Vidhyashram CBSE, X and XII
77.8 Percentage
2008 – 2021
Chennai, India

📁 PROJECTS

AI File System (LLM RAG Architecture), Intern Project — Apr 2025
- Developed an AI-powered file search engine using FastAPI, FAISS, HuggingFace embeddings, and Ollama Mistral for accurate semantic and keyword-based file retrieval.
- Enabled multi-format upload and hybrid search (keyword, semantic, metadata) result.

Movie Recommendation System, Intern Project — Nov 2024
- Developed a personalized movie recommendation system using collaborative and content-based filtering techniques.
- Utilized Pandas, NumPy, Scikit-learn for data analysis and machine learning, with Matplotlib and Seaborn for data visualization and pattern exploration.

Emotion Detection, Personal Project — Dec 2024
- Developed a system to classify emotions from text and facial expressions using Keras, TensorFlow, NumPy, and OpenCV.
- Applied machine learning and deep learning techniques for emotion recognition, with model performance visualization using Matplotlib.

💼 PROFESSIONAL EXPERIENCE

Artificial Intelligence Intern, Trident Solutions — Apr 2025 – May 2025
- Worked as an AI Developer Intern at Trident Solutions, building a smart file search engine with semantic search, keyword retrieval, and AI-powered document querying using FastAPI and HuggingFace embeddings.

Data Science, Project Intern YBI Foundation — Sep 2024 – Nov 2024
- Developed a movie recommendation system using data science techniques.
- Implemented logistic regression for movie classification and a recommendation engine.

Data Science Intern, NullClass — Aug 2024
- Engaged in hands-on projects, including emotion detection, AI chatbot development, and age face recognition.
- Gaining expertise in artificial intelligence, machine learning, and deep learning.

🧠 SKILLS

Programming — Python • SQL

Data Science — Numpy • Pandas • AI Models • LLM • Gen AI • Machine Learning • Matplotlib • sklearn

Databases — MySQL • Oracle SQL

🧩 SOFTWARE TOOLS

GitHub | MySQL | Oracle SQL | Visual Studio |
Power BI | Colab | Tableau | Excel

🏅 CERTIFICATES

Python Development • Data Science •
Java in sololearn • NPTEL Database Management •
Project Certificate • IBM Gen AI

🌐 LANGUAGES

English | Tamil | Hindi