Hariharan Rajesh

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EDUCATION

- **SRM TRP Engineering College** — Tamilnadu, India
  Bachelor of Technology(Hons) - Artificial Intelligence & Data Science; CGPA: 8.41 — *Nov 2022 - May 2026*
  Courses: *Machine Learning & Deep Learning, Statistics & Probability, Operating Systems,DBMS, Exploratory Data Analysis & Visualization, Computer Networks, Big Data*

SKILLS SUMMARY

- **Languages:** Python, SQL
- **Frameworks:** Scikit-Learn, TensorFlow, NLTK, Hugging Face Transformers, FastAPI
- **Tools:** Pandas, NumPy, Matplotlib, Seaborn, GIT
- **Platforms:** Windows, AWS SageMaker, VS Code, Colab
- **Web Development:** HTML, CSS
- **Databases:** MySQL, PostgreSQL
- **Soft Skills:** Leadership, Time Management, Public Speaking, Event Management

EXPERIENCE

- **TechSaksham Intern @ Edunet Foundation** — Remote
  AICTE Internship in collaboration with Microsoft and SAP — *Jan 2025*
  - : Certified internship gaining hands-on experience in **AI/ML development**, **cloud integration**, and **intelligent enterprise solutions**. Worked on real-world projects involving **supervised learning**, **data analysis**, and **model deployment strategies**, enhancing **technical**, **analytical**, and **problem-solving skills** through intensive training and project execution.

PROJECTS

- **ATHENA - AI-Powered YouTube Quiz Extension (NLP, Web Development, AI)**: Browser extension that generates real-time quizzes, summaries, and flashcards from YouTube educational videos to enhance learning. Tech: Python, JavaScript, Transformers (BERT/GPT), Gemini API, Flask,Chrome Extension APIs. (2024)
- **AgriQ – Tamil AI Assistant for Agriculture (LLM, Quantum Computing)**: Inspired by Kisan Vani, this Tamil AI assistant uses LLMs and quantum embeddings to deliver real-time crop insights and recommendations in native language. Tech: Python, Qiskit,Hugging Face Transformer(2025)
- **RUDRA -Deepfake Detection (Deep Learning, Computer Vision)**: AI model integrating CNNs and RNNs/LSTMs to classify videos as fake or real.Tech: Python, TensorFlow, PyTorch, OpenCV. (2024)
- **TalentScout AI – Intelligent Hiring Assistant**: Built an AI-powered hiring assistant chatbot that automates initial candidate screening and generates tech stack–based technical questions using prompt-driven LLMs. Tech: Python, Streamlit, LLMs, Prompt Engineering. (2025)

ACHIEVEMENTS

- **First Runner's Up** at NETCOM24, JJCET - Aug,24 • District Level **Winner** in Speak for India,TNE - Dec,23
- **First Runner's Up** at Hack Horizons, SRM VDP - Oct,24 • **TechQuiz Winner** in AVINYA23, KRCE - Apr, 23
- **Runner's Up** at Hack with GDG, KSRCE - Nov,24 • **Top performer** in NEURA-Hacks, DakshaT25 - Mar,25
- **First Runner's Up** at INCEPTRA'25, TEC - Mar,25

CERTIFICATIONS

- **Responsible and Safe AI Systems**: NPTEL (ELITE) — View
- **Data Mining**: NPTEL (ELITE) — View
- **Generative AI for Everyday Life** : SWAYAM(ELITE+GOLD) — View
- **Generative AI and Large Language Models**: SWAYAM (ELITE+SILVER) — View
- **AI Primer Certification**: Infosys Springboard (Jul 2024) — View
- **Prompt Engineering**: Vanderbilt University (Nov 2024) — View
- **Design-Led Strategy**: University of Sydney (Nov 2024) — View

VOLUNTEER EXPERIENCE

- **NSS Volunteer (Present)** — Tamilnadu, India
  Organized and actively participated in various community initiatives such as Blood Donation Camps, SWACHH BHARATH Mission camp, and Clean Campus Mission. — *2023 - Present*

- **Peer Workshop on Exploratory Data Analysis using Python** — TRPEC,Trichy
  Led a peer workshop on Exploratory Data Analysis (EDA), guiding friends through Python packages like Pandas, Matplotlib, and Seaborn to analyze and visualize real-world datasets. — *2023 - Present*