

RAHUL R

AI DEVELOPER

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ABOUT

Focused on delivering measurable impact, I turn challenges into opportunities for innovation, leveraging collaboration and engineering expertise to drive efficiency, optimize solutions, and create value for all stakeholders

EDUCATION

BTech in Computer Science and Engineering - CGPA: 7.4

September 2019 - June 2023

Government Engineering College Wayanad

- APJ Abdul Kalam Technological University of Kerala

TECHNICAL SKILLS

Languages: Python, C, C++, MySQL

Technologies: Machine Learning (Scikit-Learn, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn), Git

Soft Skills: Strategic planning, Analytical thinking, Problem-solving, Team player, Flexible

PROJECTS

Disease Prediction and Diet

Flask, TensorFlow, Gemini API

- Predicted diseases from symptoms using a trained ANN model.
- Integrated Gemini API to suggest personalized Indian recipes.
- Displayed disease info and precautions via a Flask web interface.

Emotion Detection of Autistic Children

Flutter, Firebase, TensorFlow

- CNN-based app to detect emotions in autistic children.
- Facial analysis, Firebase backend, and alert system for caregivers.

HOBBY PROJECT

ChatPDF

Python, Streamlit, FAISS, LangChain

- Conversational PDF assistant using OpenAI/HuggingFace NLP.
- Used FAISS for semantic search; deployed with Streamlit UI.

ReadME Maker

Python, Streamlit, LangChain, OpenAI API

- Generated README files using GPT-3.5 from uploaded source code.
- Interactive UI with live previews and download option.

INTERNSHIP

RP2

Feb 2023 – Present

Data Science Intern

Kochi, India

- Conducted exploratory data analysis and built predictive models to derive insights from large datasets.
- Developed machine learning models using supervised and unsupervised learning techniques for classification, clustering, and prediction tasks.
- Implemented deep learning architectures including CNNs, ANNs, and RNNs using TensorFlow

CERTIFICATIONS

- Mastering C and C++ Programming: From Fundamentals to Advanced
- MySql Bootcamp - Udemy

ACTIVITIES AND ACHIEVEMENTS

- Obtained first prize for Tech Quiz conducted by Government Engineering College Wayanad
- Writes Medium blogs on AI