Rohith Saravanan A B

AI Enthusiast — Data Science Graduate

PROFESSIONAL SUMMARY

Motivated and detail-oriented AI Engineering graduate with strong foundations in Python, data analysis, and machine learning. As a fresher, I am eager to begin my professional journey by contributing to impactful data-driven solutions and innovative projects. Looking for an opportunity in a dynamic, growth-focused organization where I can apply my skills and continue to learn.

CONTACT

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EDUCATION

B.Tech, Artificial Intelligence and Data Science Dhanalakshmi Srinivasan Engineering College, Perambalur - 621212
2021 – 2025
CGPA: 8.55

Higher Secondary (XII) – 88% *2020 - 2021*

Secondary School (X) – 90% *2018 - 2019*

TECHNICAL SKILLS

- Python Programming
- SQL
- AWS Cloud Architecture
- Data Visualization
- Exploratory Data Analysis
- Machine Learning
- Prompt Engineering

PROJECTS

Neurotune – AI Powered Music Generation System

- Designed a deep learning system using CRNN and GAN to generate realistic and expressive MIDI music.
- Trained on the Lakh MIDI datasets and integrated with a Flask web app for real-time generation.Processed pitch, duration, and velocity features to create coherent, genre-adaptive compositions.
- **Core competencies :** Python, Deep Learning, CRNN, GAN, MIDI Data Processing, music21, TensorFlow, PyTorch, Model Tuning, Real-time Deployment.

FRAMEWORKS & TOOLS

- Git & GitHub
- SQL Workbench
- Docker
- Jupyter Notebook
- Google Collab
- VS code
- AWS
- Numpy , Pandas , Scikit-Learn

LANGUAGES

- English (Fluent)
- Tamil (Native)
- Hindi (Basic)

INTERNSHIP EXPERIENCE

Data Science Intern – Devtown(online)
3-month industrial training with real-world ML and data analytics.

AWS Cloud Architecture – Workshop
7-days boot-camp on AWS services and cloud deployment.

CERTIFICATIONS

- Python Developer – CADD, Udemy
- AWS Cloud Practitioner
- Data Scientist -Devtown
- Bootcamps – Devtown

DOMAIN OF INTEREST

- Data Preprocessing
- Predictive Analysis
- Model training and evaluation
- Cloud Computing
- Software Development