ROSHAN KUMAR S

B.Tech / Artificial Intelligence & Data Science
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OBJECTIVE

To leverage my strong foundation in artificial intelligence, data science, and programming to contribute innovative and efficient solutions. I aim to apply my technical knowledge, logical thinking, and problem-solving abilities to real-world challenges, while continuously growing in a dynamic and learning-focused environment.

EDUCATION

Kongunadu College of Engineering and Technology   *Trichy* | **2022 - 2026**

- **Cumulative GPA**: 7.60
- No Arrear Record

Sowdambikka HSC School   *Trichy* | **2021 - 2022**

- **MARK** – 74.50% (600 out of 449)

Dr. G.V.N SSLC School   *Trichy* | **2007 - 2020**

- **MARK** – 96% (500 out of 464)

OBJECTIVE

SKILLS

TECHNICAL SKILLS	**TOOLS & FRAMEWORK**	**CONCEPTS**
Java	Flask	Machine Learning
Python	Git	Data Structures and Algorithms
	MySQL	

PROJECTS

- **Crime Rate Prediction System**
  - Developed a crime rate prediction system using Python and Flask
  - Integrated a heat map and graphical visualization for state-wise crime data
  - Used historical crime datasets and implemented linear regression
- **Portfolio Website**
  - Built a personal portfolio website using HTML and CSS
  - Showcased projects, skills, and contact information in a clean, responsive layout
- **Credit Card Fraud Detection**
  - Developed a machine learning model to detect fraudulent credit card transactions
  - Used Python, Scikit-learn, and SMOTE to handle imbalanced datasets
  - Achieved over 95% precision using Random Forest and Logistic Regression models
- **Customer Sentiment Analysis**
  - **Tech Stack:** Python, NLTK/TextBlob, Streamlit, Pandas
  - **Description:**Built an NLP-based tool to analyze customer feedback and classify sentiment as positive, negative, or neutral.
  - Integrated Streamlit for a clean web interface and used CSV imports to test bulk feedback.

INTERNSHIPS

- **DATABELS - 2024**

  I Completed a Python internship at Databels! Over the course of this internship, I had the opportunity to dive deep into Python programming, working on various projects that enhanced my skills in data manipulation, automation, and algorithm development.

CO-CURRICULAR ACTIVITIES

PAPER PRESENTATION	WORKSHOP	SEMINAR
• Banneri Amman College - Cloud Computing • MAM College - Block Chain Address Identifier • Selvam College - Credit card Fraud detection Using ML	• Novi Tech – Road Map to Become Full Stack Developer • Selvam College – Artificial Intelligence Workshop	Kongu College – Two days DRDO sponsored National Level Seminar on Their "NAVIGATING CYBER SECURITY CHALLENGES"

CERTIFICATES

AWS CLOUD PRACTITIONER

Certified Aws Cloud Practitoner
Scored– 85.6%

NPTEL EXAM

PAPER: IoT
🥈 Near Silver Grade
Score - 73%

XPLORE IT CORP

VALUE ADDED COURSE
Learn: VACADO1 – Web Application Development
13-10-2023 TO 19-10-2023

AREA OF INTEREST

- Learning some AI related Tools
- Build My Communication Speech Practice
- Playing Chess and Cricket