



POOJASRI M

☎ (+91) 8056049315 ✉ poojasrinirmalamanickam@gmail.com



www.linkedin.com/in/poojasri-nirmalamanickam-413269215/



<https://github.com/Poojasri37>

Education

B.Tech in Artificial Intelligence and Data Science Karpagam College of Engineering, Coimbatore	GPA:8.91 /10	(2023 – 2027)
Higher Secondary School Kamarajar Higher secondary school	Marks: 94%	(2021 – 2023)

Experience

TechnoHacks EduTech Machine learning Intern <ul style="list-style-type: none">Interned at TechnoHacks EduTech gaining knowledge and experience Machine learning.Developed and fine-tuned predictive models, enhancing accuracy through hyperparameter optimization and feature selection.Applied deep learning techniques and model evaluation strategies to derive meaningful insights from complex datasets.	(Present)
Prodigy Infotech Data science Intern <ul style="list-style-type: none">Interned at Prodigy Infotech, acquiring profound expertise in data science methodologies and analytical modeling.Engineered sophisticated machine learning models, leveraging advanced statistical techniques for predictive insights.Refined data preprocessing and visualization strategies, transforming raw datasets into actionable intelligence.	(JULY 2023)
BYTS Python developer Intern <ul style="list-style-type: none">Interned at BYTS gaining knowledge and experience in Python development.Developed an gaming app using python.Gained hands-on experience in software development.	(JUNE 2024)

Certifications

Python for Data Science (NPTEL)
Buisness analyst Qualification(QLIK)
Design and Analysis of algorithms(NPTEL)
Full Stack Development (Udemy)
Machine Learning(Great Learning)
PostgreSQL(RDBMS)

• Projects

Weather App Java, API Integration ,JSTL,Servlet <ul style="list-style-type: none">Developed a console-based weather application that fetches real-time weather data using APIs.Implemented Java concepts like exception handling, multithreading, and API calls for seamless performance.	(NOVEMBER 2024)
Event Management System Java, Java Swing, MySQL <ul style="list-style-type: none">Designed a Java-based application to manage event planning, attendee registration, and scheduling.Integrated a MySQL database for efficient data storage and retrieval.	(NOVEMBER 2024)
Heart Disease Prediction Model Python, Machine Learning, Gradio <ul style="list-style-type: none">Built and deployed a machine learning model to predict heart disease based on patient health data.Used regression and classification models, optimizing accuracy for real-world medical applications.	(NOVEMBER 2024)
Employee Attrition Prediction MLOps, Git, DVC, Data Drift Detection <ul style="list-style-type: none">Implemented an end-to-end MLOps pipeline to analyze employee attrition trends using machine learning.	(FEBRUARY 2025)
Crop Price Prediction MLOps, Git, DVC, Data Drift Detection,Docker <ul style="list-style-type: none">Implemented an end-to-end MLOps pipeline to analyze employee attrition trends using machine learning.	(FEBRUARY 2025)

Technical Skills

Languages: Python, C , R programming,HTML,CSS,Bootstrap,Javascript
Databases :Oracle, MySQL
Tools: Git, Github, Docker, Jenkins, Kubernetes, Chef, Google Colab
ML/DL Frameworks :Numpy, Pandas, Matplotlib, Scikit-learn, Keras, Tensorflow

Achievements

Hackathons (e.g., AI/ML hackathons, Data Science competitions)
Coding Contests (e.g., CodeChef-100+problems, LeetCode- 150+problems, HackerRank - 100+problems challenges)
Qlik Sense or Data Visualization Competitions
Machine Learning or AI Model Deployment Challenges
College-level Technical Competitions (Project showcases, case study competitions, etc.)
Participated in Smart India Hackathon.

Article 1 Ground Water Analysis and statistics

(Present)

Conducted groundwater quality analysis using machine learning, examining key parameters like pH, turbidity, and TDS.
Developed predictive models to identify contamination patterns, aiding in sustainable water resource management.