



POOJASRI M

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<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

(Present)

Machine learning| Intern

- 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.

Prodigy Infotech

(JULY 2023)

Data science | Intern

- 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.

BYTS

(JUNE 2024)

Python developer | Intern

- Interned at BYTS gaining knowledge and experience in Python development.
- Developed an gaming app using python.
- Gained hands-on experience in software development.

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

(NOVEMBER 2024)

- 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.

Event Management System | Java, Java Swing, MySQL

(NOVEMBER 2024)

- Designed a Java-based application to manage event planning, attendee registration, and scheduling.
- Integrated a MySQL database for efficient data storage and retrieval.

Heart Disease Prediction Model | Python, Machine Learning, Gradio

(NOVEMBER 2024)

- 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.

Employee Attrition Prediction | MLOps, Git, DVC, Data Drift Detection

(FEBRUARY 2025)

- Implemented an end-to-end MLOps pipeline to analyze employee attrition trends using machine learning.

Crop Price Prediction | MLOps, Git, DVC, Data Drift Detection,Docker

(FEBRUARY 2025)

- Implemented an end-to-end MLOps pipeline to analyze employee attrition trends using machine learning.

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.

Research Paper

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.