

# POOJASRI M

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## EDUCATION

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### Karpagam College of Engineering, Coimbatore

B.Tech in Artificial Intelligence and Data Science, GPA: 8.91/10

2023 – 2027

Tamil Nadu, India

### Kamarajar Higher Secondary School

HSC - 94%

2021 – 2023

Namakkal, Tamil Nadu

## EXPERIENCE

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### AI Intern

CodSoft

July 2025 – Present

Remote

- Built AI tools including rule-based chatbots, recommendation systems, and a virtual interview assistant that simulates human-avatar interactions and evaluates resumes/responses.

### Python Developer Intern

BYTS

June 2024

Remote

- Created a Python-based interactive gaming app.

### Data Science Intern

Prodigy Infotech

July 2023

Remote

- Built ML models and performed EDA and data visualization using Pandas and Seaborn.

## PROJECTS

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- **Hand Gesture Calculator** —Built with OpenCV and Mediapipe for real-time gesture-based calculations.
- **Virtual Interview Assistant** —Avatar-based human interaction system with resume and behavioral evaluation.
- **Rule-Based Chatbot** —Conversational bot using Python and conditional logic.
- **Real-Time Dodge Game** —Gesture-controlled OpenCV game designed in Python.
- **Heart Disease Prediction** —Classification model with Gradio interface for health diagnostics.
- **Crop Price Prediction & Employee Attrition Prediction** —End-to-end MLOps pipeline with DVC and Docker.
- **Event Management System** —Java Swing application integrated with MySQL database.
- **Weather App** —Java API-based app using Servlets and JSP for real-time weather updates.

## CERTIFICATIONS

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- NPTEL (Elite silver)-Introduction to Internet of things
- Python for Data Science (Nptel), Full Stack Development (Udemy),AWS Colud practitioner(geeks for geeks)
- Business Analyst - QLIK, Design and Analysis of Algorithms (NPTEL), Machine Learning (Great Learning),Salesfor ce

## ACHIEVEMENTS

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- Finalist in National Level SQL Database Grand Finale.
- Participated in K-Eureka Hackathon (IIT Bombay) for Machine Learning
- Participated in Smart India Hackathon,Attained Innovator at salesforce.
- Paper presenter and prize winner on Explainable AI (XAI).
- 150+ problems solved on LeetCode, 100+ on HackerRank, 100+ on CodeChef, 100+ on Geeks for geeks.

## SKILLS

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--Python, C, R, HTML, CSS,

-TensorFlow, Keras,

Gradio, DVC, Docker

--Transformers,LLM ,REST API

RAG,Langchain,Langgraph.

JavaScript,Bootstrap

Scikit-learn, Numpy,

Git, GitHub, Jenkins,

--SQL, Oracle, MySQL

— Pandas, Matplotlib,Seaborn

— Kubernetes, Google Colab

PostgreSQL

— OpenCV, Mediapipe,

— UI/UX Design, Data Visualization, MLOps, Cloud Tools