Poojasri M

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EDUCATION

Karpagam College of Engineering, Coimbatore *2023 – 2027*
B.Tech in Artificial Intelligence and Data Science, GPA: 8.91/10 Tamil Nadu, India

EXPERIENCE

AI Intern *July 2025 – Present*
CodSoft Remote
- Built AI tools including rule-based chatbots, recommendation systems, and a virtual interview assistant that simulates human-avatar interactions and evaluates resumes/responses.

ML Intern *May 2025 – July 2025*
TechnoHacks EduTech Remote
- Developed ML models and optimized performance with real datasets.

Python Developer Intern *June 2024*
BYTS Remote
- Created a Python-based interactive gaming app.

Data Science Intern *July 2023*
Prodigy Infotech Remote
- Built ML models and performed EDA and data visualization using Pandas and Seaborn.

PROJECTS

- **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 —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

- **NPTEL IoT (Elite Silver)** —Introduction to Internet of Things
- Python for Data Science (Coursera), Full Stack Development (Udemy)
- Business Analyst - QLIK, Design and Analysis of Algorithms (NPTEL), Machine Learning (Great Learning)

ACHIEVEMENTS

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

SKILLS

- Python, C, R, HTML, CSS, JavaScript
- SQL, Oracle, MySQL, PostgreSQL

- TensorFlow, Keras, Scikit-learn, Numpy, Pandas, Matplotlib
- OpenCV, Mediapipe,

Gradio, DVC, Docker
- Git, GitHub, Jenkins, Kubernetes, Google Colab
- UI/UX Design, Data

Visualization, MLOps, Cloud Tools