Shreya B

A dedicated Software engineer and a Data Science enthusiast with strong problem-solving skills, a solid foundation in DSA and expertise in Python,Java and SQL. Adaptable, quick to learn, and eager to contribute to impactful projects in dynamic environments.

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Github - https://github.com/shreyyaa2

INTERNSHIP

Video Yantra Solutions   Dec 2024- Jan2025

Video processing Intern

● Worked on video processing using GStreamer in a peer-to-peer client-server setup.

● Developed real-time video streaming solutions .

● Implemented efficient media pipeline management techniques.

PROJECTS

1. Smart Workforce Management System
Project | Web Development, WebSocket API, Real-Time Alerts

Implemented a dynamic worker status monitoring: if a worker is absent, the UI updates instantly (color change and "Absent" status), and another skilled worker is auto-assigned based on task requirements. Integrated a Fire Alert System using WebSocket API to trigger emergency alerts across the dashboard for immediate evacuation.

2. AI Integrated Fake News Detector System
Built a machine learning model to classify news as real or fake using NLP techniques and trained it on labeled datasets for accurate detection.
Trained models on labeled datasets, achieving high accuracy in fake news detection.

SKILLS
- Data Science
- Python
- Java
- HTML,CSS
- Gstreamer
- Data Structures and Algorithms
- MongoDB
- OOPS
- SQL

CERTIFICATIONS
- Foundation in Data Science (IIT Madras)
- Kaggle AI/ML Challenge
- Database Management System - Science Graduates
- Infy springboard Power BI Data Analytics
- CCNA Python Essentials
- KCG Hackathon Finalist
- Elite-Introduction to IOT (NPTEL)
- Silver Medal in Privacy and Security (NPTEL)
- Web development concepts- SkillSoft

EDUCATION

Easwari Engineering College-Chennai
B.E Computer Science and Engineering - 8.73 CGPA   2022- 2026

Data Science Online BS Degree -IIT Madras   2022-
Completed the Foundation level and currently pursuing the Diploma in Data Science with an   Present
aggregate of 8.0 GPA. Successfully completed 12 courses, earning a total of 36 credits.

Padma Seshadri Bala Bhavan Senior Secondary School   2007-2022
Secondary School-93.20%
High School-93.00%