

# Shreya B

A dedicated Software engineer and 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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## 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 and evaluated 4 models on labeled datasets, achieving high accuracy in fake news detection.

## SKILLS

- Data Science
- Python
- Java
- Gstreamer
- Data Structures and Algorithms
- Front-End Web development
- 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
- 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 - 8.78 CGPA

2022- 2026

### Data Science Online BS Degree -IIT Madras

Completed the Foundation level and currently pursuing the Diploma in Data Science with an aggregate of 8.0 GPA. Successfully completed 12 courses, earning a total of 36 credits.

2022-  
Present

### Padma Seshadri Bala Bhavan Senior Secondary School

Secondary School-93.20%  
High School-93.00%

2007-2022