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# TIVYATHARSHINI J

## EDUCATION

Sri Eshwar College of Engineering	B.E-CSE(AI-ML)	CGPA:8.3	2023 - 2027
Devangar Girls.Hr.Sec School	HSC	91.3%	2020 – 2022
Devangar Girls.Hr.Sec School	SSLC	81.2%	2019 - 2020

## PROJECTS

### AI-Based Complaint Management System

2024

**Description:** Developed an AI-powered system for automating railway complaint handling using machine learning algorithms. Integrated NLP for text-based complaint classification, OCR for extracting information from images, and CNNs for analyzing multimedia content. The system categorizes and prioritizes complaints, and smart-routing ensures timely resolution.

**Tools and Technologies:** Languages: Python, JavaScript

**AI/ML:** TensorFlow, PyTorch, Tesseract OCR

**Algorithms:** CNN, NLP, SVM, Random Forest, K-Nearest Neighbors (KNN), Naive Bayes, Decision Trees

**Cloud:** Google Cloud

## TECHNICAL SKILLS

**Languages:** C, C++, Java, Python

**Technologies/Frameworks:** HTML5, CSS

**Tools:** VScode , JupyterNotebook , Git, Github, Canva

**Cloud/Databases:** Mysql,GoogleCloud

**Core Concepts:** Data Structures & Algorithms, Object Oriented Programming , Basics of Artificial Intelligence

## ACHIEVEMENTS

**LEETCODE:** 1400+ Rating, Solved 100+ Problems

**HACKER RANK :** C,C++,java (Bronze level) Python (Silver),SQL(Bronze level)

**SkillRack :**Completed Java Basics – Handson , SQL – Basics (Standard) , 350+ Programs Solved

## CERTIFICATIONS

Fundamentals of Generative AI – <a href="#">SAWIT Learnathon AccboutMS</a>	2024
Completed Java programming Beginner-to-Master - <a href="#">Java begginer to master</a>	2024
Completed Matplotlib from Great Learning - <a href="#">Python Matplotlib</a>	2024
Completed Pandas course from Kaggle - <a href="#">pandas kaggle</a>	2024
Completed Data Structures & Algorithms using C and C++ from Udemy - <a href="#">Data_structures_using_C/C++</a>	2024
Completed C programming Bootcamp from Udemy - <a href="#">C programming Bootcamp</a>	2023
Completed CSS Crash Course For Beginners - <a href="#">CSS Crash Course</a>	2023

## WORKSHOP

**GenAI With Cloud** – Workshop Conducted by KONGU ENGINEERING COLLEGE - [GenAI with Cloud](#) 2024