KARTHIKA K

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EDUCATION

B.TECH(AI&DS)	Sri Eshwar College of Engineering	**CGPA:8.34 (upto 2nd Sem)**	**2024 - 2028**
HSC	Bharani park Matric Higher Secondary School	**92.83%**	**2022 - 2024**
SSLC	Bharani park Matric Higher Secondary School	**93.2%**	**2021 - 2022**

PROJECTS

DysLearning – AI-Powered Dyslexia Learning Platform   **NOV 2025**

Developed an interactive web-based platform to assist dyslexic learners through audio-visual learning modules, and progress tracking. Implemented AI-based content adaptation for improved reading and comprehension skills.

Expence Tracker   **SEP 2025**

A Java-based application that helps users record, categorize, and analyze their daily expenses with interactive dashboards, secure database connectivity, and colorful user interface for efficient personal finance management

VisionScan : AI Health Detector   **MAY 2025**

Developed an AI-powered eye disease detection website that analyzes retinal scans to identify conditions such as diabetic retinopathy and glaucoma. Integrated deep learning models with a user-friendly web interface to enable early diagnosis, improve accessibility, and support preventive eye care.

CODING PROFILES

Skillrack	**:** Solved **1400+** Problems | Received **5** certificates | **400+** Bronzes | Rank : **8204** | **karthika k**
Leetcode	**:** Solved **130+** Problems |Contest Rating : **1506** | Global Rating : **1,394,357** | **karthika k**
Hackerrank	**:** **4 Stars** in C language | **2 Stars** in Python | **1 Star** in SQL | **karthika k**
Codechef	**:** Solved **90+** Problems | **karthika k**
Sololearn	**:** Introduction to C | Introduction to HTML | Introduction to CSS | Introduction to JavaScript
Codeforce	**:** **karthika k**

CERTIFICATIONS

DataBase Management System(DBMS)	NPTEL	**SEP 2025**
Python for Robotics	Construct	**JUN 2025**
Mastering Data Structures and Algorithms using C and C++	Udemy	**MAY 2025**
Introduction to JavaScrip	Sololearn	**FEB 2025**
C, C++, Core Java & Python with Data Science	CodeGalatta	**DEC 2024**
Introduction to CSS	Sololearn	**NOV 2024**
Introduction to HTML	Sololearn	**OCT 2024**
Introduction to C	Sololearn	**JAN 2024**

ACHIEVEMENTS

Winner in Freshathon'25   **MAY 2025**
2nd place, Freshathon (Project Expo 2.0) – Deep learning eye disease detection website.

SICPC Finalist   **MAY2025**
Achieved finalist position in SICPC coding contest organized by Sri Eshwar.

Runner in CodeLee Contest (SEM 2)   **APR 2025**
Secured 2nd place in CODELEE (Skillrack) coding contest – Semester 2.

Winner in CIT - Elect'Era-25   **APR 2025**
Our team have secured first position in paper presentation at CIT -Elect'Era-25**.**

Winner in CIT - Qubitron'25   **MAR 2025**
Our team have secured first position in paper presentation at CIT – QUBIRTRON.

2nd Runner in CodeLee Contest (SEM 1)   **JAN 2024**
Secured 3rd place in CODELEE (Skillrack) coding contest – Semester 1.

TECHNICAL SKILLS

Language	**:**	C | Python | C++ (Basic) | MySQL | Java
Tools	**:**	VS Code | Canva | Excel | Google Sheets | Github | Jupyter Notebook | MySQL Workbench | IntelliJ Google Colab | Tableau | PowerBI
Technologies/FrameworkS	**:**	HTML | CSS | Javascript
Core Concepts	**:**	OOP'S | Data Structure | Data Science | DBMS | Web Technology(Basics) | Spring Boot