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ABHIRAMI T

EDUCATION

Sri Eshwar College of Engineering	BTECH.AIDS	CGPA:8.19	2023 - 2027
Elgi Mat.Hr.Sec School	HSC	93.5%	2022 - 2023
Elgi Mat.Hr.Sec School	SSLC	PASS	2020 - 2021

INTERNSHIP

G- Zoft Tech Solutions– MERN	2025
Gained hands-on experience in the MERN (MongoDB, Express.js, React, Node.js) stack. Developed and implemented data warehouse solution, contributing to data storage and retrieval functionalities using MERN technologies.	
CODEBOOSTERS TECH – AI Agents	2025
Built and deployed AI Agents using Python and LLMs , gaining hands-on exposure to autonomous systems. Implemented agents for reasoning, planning, and task execution with LangChain and OpenAI APIs.	

EXPERIENCE

AI Engineer Intern – Synapslogic (Remote)	Aug 2025 – Sept 2025
Contributed to AI/ML model development and integration for product applications, covering data preprocessing, training, evaluation, and deployment. Strengthened technical expertise and problem-solving skills through team collaboration, reviews, and mentoring sessions.	

PROJECTS

Course Management System:	View Project	2024
Developed a Java-based Course Management System using JDBC and MySQL for efficient CRUD operations.		
Tools Used: Java, JDBC, MySQL, IntelliJ		
Food Ordering System :	View Project	2025
Developed a full-stack food ordering app with React.js, Node.js, and MongoDB. Implemented user authentication, admin panel, cart, and category filters. Used Axios for API calls and Bootstrap for responsive design.		
Tools Used: React.js, Node.js, Express.js, MongoDB		
Sense Route – AI-Powered Assistive Personal Assistant:	View Project	2025
Built a voice-activated assistant for the visually impaired with YOLOv8 object detection, OCR, TTS, and Gmail API alerts. Integrated environment description, news reader, and maze game , demonstrating AI and full-stack skills.		
Tools Used: Python, YOLOv8, Tesseract, React.js, Node.js, Gmail API		
SmartLife -AI – Personalized Daily Companion Assistant:	View Project	2025
Developed an AI-driven productivity & wellness assistant with news, weather, task planning, and wellness features. Integrated TTS, YouTube search, and voice assistant in Streamlit for an interactive user experience.		
Tools Used: Python, Streamlit, TTS, OpenAI API, YouTube Data API, SpeechRecognition		

SKILLS

Programming Languages: C | C++ | Python (Pandas, NumPy, OpenCV, TensorFlow, Tesseract OCR) | Java | JavaScript
Web Development: HTML5 | CSS3 | React.js | Node.js | Express.js | REST APIs | MERN
Developer & Productivity Tools: VSCode, Jupyter Notebook, Spyder, Git, GitHub, Canva, Figma Postman, Blender
Machine Learning & AI: Scikit-learn | TensorFlow | Keras | OpenCV | Places365 | YOLOv8 | Tesseract OCR
Tools: Matplotlib | Seaborn | Plotly | Power BI (Basic) |

CODING PLATFORMS

Leetcode : Solved 200+ problems | Max Rating : 1,755 | Global rank 6,41,246| [link](#)
Codechef : Solved 600+ problems | Max Rating : 1045| Global Rank: 12141| [link](#)
Skill Rack : Solved 1000+ problems | Top 15th in Contest - College level | 250+ Bronzes | [link](#)
HackerRank: 5 star Gold badge holder in C ,Python,Java & Sql | [link](#)

CERTIFICATIONS

- SQL Server on Linux (Microsoft)
- AWS S3 Basics (Coursera)
- AI-Machine Learning Engineer (Reliance Foundation)
- Large Language Models (Hugging Face)
- Build a Computer Vision App with Azure Cognitive Services by Microsoft (Coursera)

ACHIEVEMENTS:

Secured **1st place** in **Freshathon** conducted by Sri Eshwar
Secured **2nd place** in **Mini-Project Expo** conducted by Sri Eshwar
Secured **2nd rank** in **CodeSpirit 2025**, a national-level coding competition conducted on the Unstop platform.
Secured **1st place** in **Sri Eshwar Coding Carnival – Finals (2025)** conducted by Sri Eshwar College of Engineering.
Selected as **Finalist** in **Shine Healthcare Hackathon 2025**, among 2000+ teams across Tamil Nadu.
Secured **2nd place** in **Hackathon 3.0 (2025)** conducted by IES College of Engineering.