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ABHIRAMI T

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EDUCATION

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

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| G- Zoft Tech Solutions– MERN | 2025 |
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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.

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| CODEBOOSTERS TECH – AI Agents | 2025 |
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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

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| AI Engineer Intern – Synapslogic (Remote) | Aug 2025 – Sept 2025 |
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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

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| <u>Course Management System:</u> | View Project 2024 |
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Developed a Java-based Course Management System using JDBC and MySQL for efficient CRUD operations.

Tools Used: Java, JDBC, MySQL, IntelliJ

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| <u>Food Ordering System :</u> | View Project 2025 |
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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

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| <u>Sense Route – AI-Powered Assistive Personal Assistant:</u> | View Project 2025 |
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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

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| <u>SmartLife -AI – Personalized Daily Companion Assistant:</u> | View Project 2025 |
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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.