

Hari S

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Profile Summary

- **Full Stack AI Developer** experienced in building and deploying AI-powered solutions. Focused on **creating AI applications** that **solve real-world problems** and enhances user experiences.

Work Experience

Punchbiz - Full Stack AI Developer

Jul 2024 – Dec 2024

- Developed a web-based enterprise billing system using **React** for the frontend, **Node.js** for the backend, and **PostgreSQL** for database management, ensuring a seamless and user-friendly interface for accounting operations.
- Lead the development of an enterprise billing system, **reducing manual data entry by 40%** through OCR integration.
- **Collaborated with a cross-functional team** to deliver a scalable, AI-powered billing solution, streamlining financial processes and improving operational efficiency

Centillion Labs - Full Stack Developer

Feb 2024 – Apr 2024

- Designed and developed the frontend of Aristotle AI chatbot using **React**, ensuring a clean and user-friendly interface for seamless interactions.
- Integrated the chatbot with the backend using **Python**, ensuring smooth communication between the frontend and AI models for real-time functionality.
- Optimized AI models, **reducing response time by 30%** and **improving chatbot accuracy by 20%**. Ensured efficient backend integration and scalability for a high-performance AI-powered chatbot.

Projects

Task Management and Analytics Platform | [GitHub:// Task_Assignment_WebApp](#)

Nov 2024

- Developed a task management platform for organizations, enabling employees and managers to assign, track, and manage tasks efficiently. Integrated data analytics to visualize task progress and performance metrics, enhancing productivity and decision-making. Built using **React, Node.js, PostgreSQL** and **MongoDB**.

Crater and Boulder Detection using Satellite Images | [GitHub:// Craters_And_Boulders_Detection](#)

Sep 2024

- Developed a solution for detecting craters and boulders on the Moon using Chandrayaan-2 satellite images as part of the Smart India Hackathon. Utilized **image processing and machine learning techniques** to analyze lunar terrain, **achieving 90% accuracy** in geological feature identification.

Blink-Triggered Content Capture & Explanation Tool | [GitHub://BlinkCaptureAI](#)

Feb 2025

- Developed an AI-powered system to detect continuous blinking patterns using eye-tracking libraries, triggering automated screenshots for content analysis. Integrated **OCR** and **LLM** technologies to process and explain the captured content, enabling interactive summarization, highlighting, and follow-up queries. **Enhanced user productivity by 35%** through content interaction and **reduced manual effort** in information extraction.

Technical Skills

Programming & Web: Java, C, Python, React.js, Next.js, JavaScript, Tailwind CSS, Node.js, Express JS, EJS, JWT, OAuth, RESTful APIs, React Native.

Databases & Cloud: MongoDB, PostgreSQL, SQL, AWS, Firebase, Docker, Git.

AI/ML & Tools: TensorFlow, Pytorch, Keras, Scikit-learn, Pandas, NumPy, OpenCV, YOLO, NLTK, Hugging Face, Transformers, LLM, Gen AI, FastAPI, Streamlit.

Tools: GitHub, Figma, Power BI.

Soft Skills: Problem Solving, Communication, Teamwork

Education

Kongu Engineering College, Erode, Tamil Nadu

Nov 2022 – present

B. Tech in Artificial Intelligence and Machine Learning – **CGPA: 8.19**

Geethanjali AISSC, Erode, Tamil Nadu – **Grade: 68.6 %**

May 2022

Agastya Academy, Tamil Nadu – **Grade: 77.8 %**

Apr 2020

Certifications and Co-Curriculars

- **Won 3rd Prize** in 30-Hour Hackathon – Live Transport Tracking System (2024).
- **MongoDB Associate Developer** Certification (2025).
- **Published Research Paper** on Fake Social Media Detection and Reporting (IEEE, 2024).
- NPTEL Certification on Machine Learning for Soil and Crop Management (2023).
- Participated in Smart India Hackathon (SIH) – **Top 30** in Fake Social Media Detection and Reporting (2023).