

HARI S

Full Stack AI Developer

+91 6383903339

✉ harisenthilcbe@gmail.com

github.com/Hari-Kec

linkedin.com/in/h-a-r-i



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

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 Image

Github:// Craters_And_Boulders_Detection

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** like **OpenCV** to analyze lunar terrain, **achieving 90% accuracy** in geological feature identification.

Blink Triggered Content Capture and Explanation Tool

Github:// BlinkCaptureAI

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.

SUMMARY

Passionate about building and deploying **AI-based solutions** that solves real-world challenges and improve user experiences. Skilled in both **AI development** and **MERN stack**.

SOFT SKILLS

- Problem Solving
- Communication
- Teamwork

TECHNICAL SKILLS

Languages: Java, C, Python

Web & App Development: React.js, Next.js, React Native, JavaScript, Tailwind CSS, Node.js, Express.js, Flask, RESTful APIs, EJS, JWT, OAuth.

Databases: MongoDB, PostgreSQL, SQL.

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

Big Data: Hadoop, Spark, Kafka.

Cloud: AWS, Firebase, Docker, Git.

Tools: GitHub, Figma, Power BI.

EDUCATION

- Kongu Engineering College** – (2022 – present)
B. Tech Artificial Intelligence and Machine Learning – **CGPA 8.19**
- Geethanjali AISC** (12th) – 2022 – 68.6%
- Agastya Academy** (10th) – 2020 – 77.8%

CO-CURRICULARS & CERTIFICATIONS

- 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).
- Participated in Smart India Hackathon (SIH) – **Top 30** in Fake Social Media Detection and Reporting (2023).
- Participated in Smart India Hackathon (SIH) – Detecting Oil Spills using AIS and Satellite Datasets (2024).