Ashika S M

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EDUCATION

Sri Krishna College of Engineering and Technology
Coimbatore
B. Tech Artificial Intelligence and Data Science
October 2022 - Present |
GPA: 8.27

St. Joseph Matriculation Higher Secondary School Coimbatore
August 2020 - May 2022 | HSC
Percentage: 82%

V.C.V Shishu Vidyodaya Matriculation Higher Secondary School Coimbatore
March 2009 - March 2020 | SSLC
Percentage: 85.8%

LINKS

Leetcode:// ashika_08
LinkedIn:// ashikasm08
Github:// Ashika-08

LINKS

Phone: 9443965195
 Email: Ashikasm8@gmail.com
       727722euai006@skcet.ac.in
LinkedIn: ashikasm08

SKILLS

PROGRAMMING

- **Machine Learning**
- **Deep Learning**
- **C++**
- **MySQL**
- **Python**
- **Java**
- **HTML**
- **CSS**
- **React js**
- **Django**
- **Basics of R**
- **Amazon web Service**

PROJECT

Knights Path |Chess Academy portal
July 22 2024 – Aug 14 2024
- Engineered a Django-backed React portal with JWT authentication and tournament management tools.
- Deployed on Netlify; reduced latency by 30% via code-splitting and lazy loading.
- Tech Stack: React, Django, REST APIs, JWT, Netlify

Smart Skin Analysis & Product Recommendation System
Aug 01 2024 – Sep 14 2024
- Built an OpenCV + ML system leveraging YOLO for real-time acne/redness detection.
- Trained on a custom dataset (5k+ images) for 92% accuracy; integrated product recommendations.
- Tech Stack: Python, OpenCV, YOLO, Scikit-learn

AI Coding Assistant
June 24 2025 – June 30 2025
- Built an AI-powered Offline Coding Assistant leveraging LangChain + Ollama (LLaMA 3).
- Developed a Streamlit-based chat interface with memory for context-aware coding help.
- Integrated features to save & view past conversations; deployed on Streamlit Cloud.
- Tech Stack: Ollama, Streamlit, Langchain, Streamlit community cloud

Brain Tumor Detection and Segmentation | **Cognizant Hackathon**
August 20 2025 – September 3 2025
- Developed an AWS-powered tumor detection pipeline integrating three deep learning models.
- Created a secure React + Amplify interface for image upload, processing, and visualization.
- Achieved precise tumor segmentation and automated highlighting using cloud-based ML workflow.
- Tech Stack: AWS Cognito, AWS Lambda, AWS SageMaker, React, Amplify, Deep Learning (CNNs)

EXPERIENCE

Artificial Intelligence intern | Infosys | Oct 2024 - DEC 2024
Task: Mental health chatbot
- Built mental health chatbot using NLP with 85% satisfaction rate
- Developed Streamlit interface that reduced interaction time by 30%
- Optimized NLP model achieving 90% accuracy on 10k+ user inputs
- Improved performance by 20% via hyperparameter tuning

Package Application Development Associate intern | Accenture|
May 2025 - July 2025
- Trained in Java ecosystem (Spring Boot, Selenium)
- Automated policy workflows cutting process time by 40%
- Enhanced legacy system efficiency by 15% through debugging
- Applied Agile methodologies in client project delivery

Senior Mentor – Coding and Problem Solving | SKCET | August 2025 - Present
- Conduct beginner to intermediate coding and problem-solving sessions.
- Mentor students to improve algorithmic thinking, competitive programming skills, and overall coding proficiency.