

Sahana L

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Career Objective

Motivated Computer Science Engineering student (B.E., 2026) seeking a Graduate Engineer Trainee role to apply skills in software development, problem-solving, and cloud computing. Eager to contribute to innovative projects, collaborate with cross-functional teams, and continuously learn emerging technologies.

Education

Bachelor of Engineering (B.E.), Computer Science & Engineering	2022 – 2026
HKBBK College of Engineering	CGPA: 8.7
Senior Secondary (XII) – Science	2022
Seshadripuram PU College, Yelahanka	Percentage: 94.67%
Secondary (X)	2020
Gokul Public School, Bangalore	Percentage: 86.88%

Technical Skills

Languages: Python, Java, C++, C, JavaScript, HTML, CSS
Tools/Frameworks: Streamlit, AWS (EC2, S3, PartyRock), GitHub, VS Code, Jupyter Notebook, Google Colab
Databases: MySQL (basic), Cloud Storage Systems
Concepts: Cloud Computing, AI/ML (CNN, NLP), Problem Solving, Data Structures & Algorithms
Soft Skills: Communication, Teamwork, Analytical Thinking

Internship Experience

Software Engineering Intern	Mar 2025 – Apr 2025
CodeAlpha (Virtual)	
<ul style="list-style-type: none">Developed and deployed a Cloud-Based Bus Pass System with secure login, QR scanning, and AWS hosting using PHP, JavaScript, HTML.Built a Data Redundancy Removal System using hashing algorithms to detect and remove duplicate files, optimizing storage efficiency.Created a SQL Injection Detection System with pattern-based detection to prevent database attacks and improve application security.	

Projects

Facial Emotion Recognition	Apr 2025
CNN-based model trained on FER-2013 dataset with OpenCV; integrated with Streamlit for real-time webcam input.	
TasteBuddy – Restaurant Recommender (AWS PartyRock)	Feb 2025
AI-powered chatbot using GenAI prompt logic for personalized dining recommendations, deployed on AWS PartyRock.	
Hybrid Chatbot for Alzheimer Screening (Research Paper)	May 2025
Published in IJCRT; integrated NLP and ML for low-resource medical screening and treatment recommendations.	

Certifications

AWS Solutions Architect Simulation – Forage (Feb 2025)
Cloud Computing – NPTEL (Jan 2025 – Apr 2025)
Introduction to Artificial Intelligence – Great Learning (Nov 2024)
Cloud Computing Architecture – Great Learning (Nov 2024)