

Kishore K

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kishore735.github.io/Portfolio/

Profile Summary

A Computer Science student skilled in Python, C, and JavaScript, with hands-on experience in AI, machine learning, and deep learning. Proven ability in algorithms, data structures, and Agile methodologies. Seeking a Software Engineer role to leverage skills in developing innovative and efficient software solutions.

Skills

- **Programming Languages:** Python (NumPy, Pandas), C, JavaScript (ES6), SQL
- **Web Technologies:** HTML5, CSS3, React.js, RESTful APIs
- **Tools & Platforms:** Git, GitHub, Firebase, Fusion 360, Figma, Node.js
- **Databases:** Firestore, MongoDB, MySQL

Education

Sri Sairam Engineering College, B.E in Computer Science(Artificial Intelligence and Machine Learning) **CGPA:** 8.55 Nov 2022 – May 2026
Schooling : **Sri Sankara Vidhayala Matriculation Higher Secondary School** Jun 2020 – May 2022
HSC: 90.6% **SSLC :** 71.8%

Work Experience

Gen-AI interactive Learning Game, Intel Unnati Industrial Training Mar 2025
• Engineered a Generative AI-powered quiz application with a recommendation system, featuring over **1,000 questions per programming language** across **10 modules**, to personalize learning based on user difficulty.

Intern, AP TECHZ - IT Solutions Jun 2024
• Built and deployed over **3 new features** for full-stack web projects, utilizing Python and front-end technologies within an Agile framework.

Data Analysis Virtual Intern, Tata Aug 2023
• Analyzed a dataset of over **10,000 records** to create **5 reports** and visualizations that supported data-driven decisions.

Projects

Smart India Hackathon - Ministry of Social Justice & Empowerment (First Place), Kerala, India Dec 2024
• Conceptualized and implemented a video call intercom system integrating vibration sensors, notification lights, and an ISL-to-text translation feature with **78%** model accuracy to enable seamless communication for the deaf community.
• **Technologies:** Embedded C, Python, Node.js, SRTP protocol, WebRTC, React.

National Level Hackathon - AI Based Motor Functional Assessment for Children With Cerebral Palsy (First Place), Chennai, India Oct 2024
• Designed a web application using computer vision with **OpenPose** for pose extraction to assess motor functional ability. This diagnostic tool won first place and reduced assessment time by an estimated **40%**.
• **Technologies:** OpenPose, ST-GCN.

Amazon ML Challenge - Rank 11, Chennai, India Sep 2024
• Modeled a machine learning model to automatically extract and analyze key product attributes, such as weight and dimensions, from Amazon product data, from a dataset of over **450,000 images**
• **Technologies:** Python, SQL, Pandas, PaliGemma

National Level Hackathon - IEEE (Second Place), Jaipur, India Oct 2023
• Developed a real-time hardware and software solution utilizing AI and computer vision to detect alert drowsy drivers, achieving a **87% accuracy** in identifying signs of fatigue.
• **Technologies:** OpenCV, Python, dlib, Raspberry Pi

Achievements

CHAIR PERSON Dec 2023
IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society, Sri Sairam Engineering College