Kishore K

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About Me

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.

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%

Projects

Smart India Hackathon - Ministry of Social Justice and Empowerment (First Place), Kerala, India — Dec 2024

- Conceptualized and implemented a video call intercom system with integrated vibration sensors and notification lights to enable seamless communication for the deaf community. This solution was awarded first place for its innovative approach to social empowerment.**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 and built a web application utilizing computer vision to assess the motor functional ability of children with Cerebral Palsy, providing a non-invasive diagnostic tool that won first place.**Technologies:** Python, OpenPose, ST-GCN,

Amazon ML Challenge - Rank 11, Chennai, India — Sep 2024

- Engineered a machine learning model to automatically extract and analyze key product attributes, such as weight and dimensions, from Amazon product data, ranking 11th in a national challenge.**Technologies:** Python, SQL, Pandas

State Level Hackathon - Healthcare Chatbot(Third Place), Chennai, India — Nov 2023

- Programmed an AI chatbot using natural language processing (NLP) and machine learning (ML) to provide personalized health-related information and advice, securing a third-place finish.**Technologies:** Python, NLTK, TensorFlow, YOLO

National Level Hackathon - IEEE (Second Place), Jaipur, India — Oct 2023

- Engineered a real-time hardware and software solution utilizing AI and computer vision to detect drowsy drivers, achieving a 87% accuracy in identifying signs of fatigue. The system reduced the potential for accidents by providing instant alerts.**Technologies:** OpenCV, Python, dlib, Raspberry Pi

Achievements

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

Experience

Gen-AI interactive Learining Game, Intel Unnati Industrial Training — Mar 2025
Developed an interactive learning game utilizing Generative AI principles.

Intern, AP TECHZ - IT Solutions — Jun 2024
Contributed to software solution development using Python and web technologies.

Data Analysis Virtual Intern, Tata — Aug 2023
Analyzed datasets and presented key findings to support data-driven decisions.

Skills

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