Kiran V

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Mallandahalli, Kolar, Karnataka, India

Objective

Computer Science Engineering student with strong interest in software development, artificial intelligence, and web technologies. Seeking an entry-level role to apply programming skills and build real-world, scalable systems.

Education

Bachelor of Engineering in Computer Science and Engineering 2022 – 2026
Sri Venkateshwara College of Engineering, Bengaluru CGPA: 8.62 / 10

Pre-University (PCMB) 2022
Vidya Jyothi PU College 82.83%

Secondary School 2020
Chinmaya Grameena Vidyalaya 92.8%

Technical Skills

Programming Languages: Python, Java, C, SQL
Web Technologies: HTML, CSS, JavaScript
Databases: MySQL, MongoDB
Version Control: Git, GitHub

Academic Projects

AI-Based Student Attendance System

Developed a real-time AI-based attendance system where students register facial images with personal details. Face images are converted into 128-dimensional encodings using the `face_recognition` and `dlib` modules and stored in a database. Implemented a three-layer verification process using `MiniFASNet` for anti-spoofing, Euclidean distance-based face matching, and `MediaPipe` for mask-aware detection. Attendance is recorded automatically and email notifications are sent to students and parents.

Carbon Footprint Analysis and Neutrality Pathways for Indian Coal Mines

Designed a web-based platform to calculate and analyze carbon emissions from Indian coal mines. Built the frontend using `HTML`, `CSS`, and `JavaScript` with a `MySQL` backend for data storage and reporting. Implemented standard carbon accounting formulas and proposed carbon neutrality pathways through process optimization and renewable energy integration.

Blockchain-Based Voting System

Developed a decentralized voting platform using the `Ethereum` blockchain to ensure transparency and prevent electoral fraud. Implemented smart contracts using `Solidity` and deployed them with `Ganache`. Integrated `MetaMask` for secure authentication and enforced a one-vote-per-address rule using cryptographic hashing.

Certifications

Google AI Essentials – Coursera
Python for Data Science – IBM
IR4.0 Foundation course – Tech Saksham
Python – GUVI
Responsive Web Design – Infosys Springboard

Achievements

Fluxus 2025 (IIT Indore) – Finalist (Face Recognition System)
Smart India Hackathon (SIH) 2025 – Participant
CodeCarnage – 24-Hour Hackathon – Participant

Languages

Kannada, English, Telugu, Hindi