SHREYAS SHURAPALI

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Education

KLE Technological University Hubballi, India **2023- 2025**
- *BE in Computer Science* | CGPA: **8.06**

K.H. Kabbur Institute of Engineering Dharwad, India **2019 - 2022**
- *Diploma in Computer Science, Aggregate:* **84.54%**

Basel Mission English Medium High School Dharwad, India **2019**
- *Class X, Percentage*: **81.60***%*

Skills

C++ | C | Python | Machine Learning | JavaScript | NodeJS | React | Blockchain | Solidity | MySQL | Git | Docker

Projects

E-Learning Application **May'24**

Developed a comprehensive e-learning platform using React for the frontend and Spring Boot for the backend. The application focuses on sustainability development goals, providing teachers with tools to upload educational content, interact with students via a chat box, create courses, and generate certificates.
- Utilized React for creating an engaging and interactive user interface and Spring Boot for robust backend services, enabling seamless content management and user interactions.
- Integrated multiple functionalities including a chat box for real-time communication, course creation modules, and automated certificate generation for course completion

Weather Application **Jul'24**

Developed a weather application using React.js and the Open Weather API, providing real-time weather updates for any global location.
- Used React.js for building the interface and Open Weather API for fetching real-time weather data, showcasing skills in both front-end development and API utilization.

Low Light Image Enhancement **Mar'24**

Developed a novel architecture for enhancing images taken in low-light conditions. By leveraging a learnable image signal processor (ISP), the system processes raw Canon CR2 images to significantly improve visibility and reduce noise without sacrificing detail.
- Utilizes a custom-designed Decom-Net module for image decomposition and a Hierarchical Noise-Deinterlace Network (HNN) across three stages—denoising, enhancement, and fusion—to achieve superior image quality in challenging lighting conditions.

Academic and Extracurricular Achievements

- **Participant, 3D Vision Summer School 2024:** Advanced study in 2D and 3D vision technologies at IIIT Bangalore.
- Cisco Networking Basics Certification (2024): Foundational skills in network configuration, troubleshooting, and management.

Positions of Responsibility

Center of Excellence in Visual Intelligence (CEVI) | Project Intern **Jun'23 - Present**
- Collaborated on various machine learning and computer vision projects.
- **Volunteered at CEVI Summer School 2024**, assisting in the coordination and facilitation of the program.