SHRINIDHI S KOUNDINYA

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OBJECTIVE

B.E. Computer Science student with hands-on experience in the MERN stack, HTML, CSS, and JavaScript. I also have practical experience in PHP and MySQL, building full-stack web applications. I enjoy creating responsive, secure, and scalable projects and continuously learning new technologies. I am eager to apply my skills in real-world projects and thrive in collaborative environments.

SKILLS

Technical skills : Java(Basic) , JavaScript, HTML, CSS, JavaScript, React.js, Node.js,Express.js, MongoDB, MySQL, GitHub, VSCode,

Professional Skills : Problem-Solving, Communication, Team Collaboration, Adaptability

EDUCATION

- Kalpataru Institute of Technology, *Tiptur* — *2022 - present*
  B.E. in Computer science & Engineering — **CGPA : 6.3**
- S.S PU College, *Tiptur* — *2021-2022*
  Science – PCMB — **Percentage : 69**
- Stella Maris High School, *Tiptur* — *2019-2020*
  SSLC — **Percentage : 73.92**

PROJECTS

- **Underwater Image Enhancement System**

Python | OpenCV | Image Processing | Histogram Equalization | CLAHE

Developed a Python-based system to enhance the visibility and clarity of underwater images affected by low light and poor color contrast. Implemented and compared four key image processing techniques — Adaptive Histogram Equalization (AHE), Gamma Correction, Brightness Preserving Bi-Histogram Equalization (BBHE), and Contrast Limited Adaptive Histogram Equalization (CLAHE) — to evaluate their effectiveness in restoring underwater image quality. Leveraged OpenCV for image manipulation and Matplotlib for visual analysis. The system delivers improved color balance, enhanced contrast, and clearer underwater visuals for marine research and underwater photography applications.

CERTIFICATES

- Introduction to Generative AI by **SkillUp** [Verify Here]

INTRESTS

CyberSecurity, Ethical Hacking