



SAISAMARTH UDIKERI

Computer Science and Engineering
KLE Technological University

+91-8904224573

saisamarthudikeri@gmail.com

GitHub Profile

LinkedIn Profile

EDUCATION

- KLE Technological University - Hubli** 2025
Computer Science and Engineering CGPA: 6.99
- PRISM PU Science College - Dharwad** 2021
PCMB Percentage: 75.5
- Kendriya Vidyalaya - Dharwad** 2019
Percentage: 67.6

EXPERIENCE

- KLE Tech-Center of Excellence in Visual Intelligence (CEVI)** September 2023 - July 2024
Project Intern- Worked on computer vision technologies to develop innovative solutions Hubli
- CodingWiz** May 2023 - June 2023
UI/UX and Graphic Designer- Created graphic designs for Instagram and UI/UX designs for websites Remote internship

PERSONAL PROJECTS

- Human 3D avatar generation from an image**
We developed a framework integrating computer vision techniques with 3D modeling to generate 3D human avatars from images.
– Tools & technologies used: Python, Google colab, PyTorch3d.
- Histopathology for Oral Cancer Diagnosis**
Histopathology image analysis for Oral cancer detection using segmentation and classification for improved and faster diagnosis.
– Tools & technologies used: Python, Google colab.
- React quiz - AWS**
Deployed a React quiz app using AWS Amplify and integrated AWS Cognito for user authentication.
– Tools & technologies used: React, AWS.
- React-Docker-Kubernetes**
Deployed a React application using Docker and Kubernetes with Horizontal Pod Autoscaling (HPA) for efficient scaling
– Tools & technologies used: Docker, Kubernetes, React.
- Comparative Analysis of TEED and DexiNed Edge Detection Models: Efficiency vs. Sharpness**
We compared both models across diverse image datasets, analyzing on different metrics
– Tools & technologies used: Python, Google colab.
- Ansible-on-AWS**
Implemented infrastructure automation on AWS instances using Ansible, using declarative language to manage and execute actions efficiently.
– Tools & technologies used: Ansible, AWS, Linux.

TECHNICAL SKILLS and INTEREST

Languages: C++, C, Python, SQL, React, HTML, CSS, JavaScript.

Developer Tools: Visual Studio Code, AWS, Docker, Kubernetes, Ansible, Google colab.

Other Skills: UI/UX design using Figma, Canva.

Areas of Interest: Cloud computing (AWS), Web development.

COURSES AND CERTIFICATIONS

- AWS Cloud Practitioner Essentials
- Kubernetes Course from a DevOps guru (Kubernetes + Docker)
- Cisco Networking Basics

ACHIEVEMENTS

- Published Paper** in International conference on computer communication and informatics(iccci).
- Winner of Smart India Internal Hackathon.**