



# Kartik Patil

## Computer Science Student

I'm passionate about staying up-to-date with emerging technologies and enjoy tackling complex coding challenges. I am eager to contribute my technical expertise and collaborative mindset to a dynamic team where I can help drive innovation and create efficient solutions.

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## EDUCATION

### Bachelor of Engineering-Computer Science

K.L.E Technological University

01/2021 - Present

### Senior Secondary Education

K.L.E. Society's Prerana P.U. College Hubli

04/2018 - 10/2020

Courses

- PCMB

### Secondary Education

Shivshankar Jolle English Medium Public School Nanadi

01/2017 - 03/2018

## PROJECTS

### Image Inpainting using YOLOv8 and LaMa Model (10/2023 - 02/2024)

- Published Research paper which got accepted at several conferences
- ICICV, Jaipur India
- INCET, Belgaum India
- CML, Sikkim India

### Deep Learning Approaches for Thoracic Disease Diagnosis (10/2023 - 02/2024)

- This project focuses on the development of a deep learning model for the classification of thoracic diseases in chest X-ray images, with an emphasis on interpretability and performance optimization. The work involves the utilization of convolutional neural networks (CNN's), specifically DenseNet121 architecture, for automated disease detection.

### Decentralized Crypto Casino(Blockchain) (04/2024 - 07/2024)

- Developed a crypto casino on the Ethereum blockchain using Geth, incorporating NFTs for unique game assets and implementing a roulette game for decentralized gambling.

### Doctor Patient Portal (04/2024 - 07/2024)

- The Doctor-Patient Portal is a Java Full Stack web application designed to enhance healthcare communication. It offers features like appointment scheduling, medical records management, and secure messaging. The back-end, developed using Java frameworks like Spring Boot, handles business logic and integrates with a MySQL database. The portal ensures secure access to medical information, making it easier for doctors and patients to manage healthcare interactions efficiently.

## SKILLS

C

Java

JavaScript

CSS

Kubernetes

C++

Python

HTML

Docker

## CERTIFICATES

### Apponix Academy (11/2022 - 09/2023)

Successfully completed JAVA FULL STACK DEVELOPMENT

### INCET 2024 (11/2023 - 05/2024)

Presented paper entitled Image Inpainting using YOLOv8 and LaMa Model in 5th International Conference of Emerging Technology (INCET 2024)

### Networking Basics(Cisco Networking Academy) (05/2024 - 05/2024)

Successfully achieved student level credential for completing the Networking Basics course.

### Kubernetes Course from a DevOps guru (Kubernetes + Docker) (05/2024 - 05/2024)

Successfully completing Kubernetes Course from a DevOps guru (Kubernetes + Docker)

### Hack2Future 32hr Hackathon(IIIT Dharwad) (10/2024 - 10/2024)

Selected among the top 40 teams in **Hack2Future**, Built an **AutoML-MLOps** pipeline to automate data preprocessing, model selection, and deployment.

### CSITSS 2024 (07/2024 - 11/2024)

Presented a paper titled **State-of-the-Art Deep Learning Strategies for Multi-Label Classification of Chest X-Ray Thoracic Disorders**

### Code Kshetra 2.0(Major League Hacking) (02/2024 - 02/2024)

Finalist in **Code Kshetra 2.0** (36-hour hackathon). Built a **Cervical Cancer Detection Web App** for early diagnosis

## LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

Kannada

Native or Bilingual Proficiency

Marathi

Limited Working Proficiency