# KRISHNA KANTH KELOTHU

Khammam, Telangana

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## Education

**Indian Institute of Technology Bhubaneswar**                                  **Oct 2022 – Present**
*Bachelor of Technology in Metallurgical and Material Engineering*                     *CGPA: 6.7*

**Narayana Junior College**                                                        **Apr 2019 – may 2021**
*Intermediate*                                                              *Percentage: 96.8%*

**Triveni School**                                                                 **Apr 2015 – Apr 2019**
*Secondary Education*                                                                  *GPA: 10*

## Projects

**Lung Cancer Detection using Convolutional Neural Network (CNN)**                 **Deep Learning**

- Designed and implemented a CNN architecture optimized for classifying lung cancer from high-resolution medical images.
- Performed extensive pre-processing including normalization, and contrast adjustment of medical images to enhance model input quality.
- Evaluated model performance using metrics like confusion metrics and classification report using the predicted labels and the true labels.

**Nxt Watch**                                                                           **Oct 2024**

- Created the Nxt Watch app, a YouTube alternative allowing users to log in, browse video categories such as rending and Gaming, view saved videos, and search for specific content with a customizable theme.
- Designed interactive pages, including Login, Home, Trending, Gaming, and Saved videos, using React components, state management, and lists.
- Implemented a secure login system with username/password input, followed by API calls and JWT token handling for persistent login states.
- Utilised React Router components (Route, Switch, Link) to establish distinct routes for various pages, enforcing authentication through protected routes.

## Technical Skills

**Languages:** C++, Python, javascript
**Computer Engineering:** Data Structures and Algorithms,Operating Systems
**Front-End:** HTML,CSS,Bootstrap,Javascript,ReactJs
**Back-End :** Python,Express,Nodejs
**Database:** SQL,Mongodb
**Other:** Git,GitHub

## Achievements

- Ranked in the top 1 percentile of students among 10 lakh students in the Joint Entrance Examination-2022

## Positions of Responsibility

**Wissenaire'24, IIT Bhubaneswar**                                            **May 2023 – April 2024**
*Events Core Head*

- After two years as a core member of at Wissenaire,coordinated as core head of Publicity team.
- Demonstrating leadership qualities,good teamwork and played a vital part in organizing the workshops and internship programs.

## Extra-Curricular Activities

- Participated in various sports events as a part of the General Championship,demonstrating versatility and teamwork across multiple disciplines.
- Actively participated in the Dramatic society,contributing to various stage productions and honing skills in acting,script writing and stage management.