# Sandeep **Kumar Swain** B.Tech 4th Year | Developer | Student

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i Born on 18 September, 2002



I am student from KIIT DU, currently pursuing Bachelors' degree in Computer Science and Engineering. I'm a self-taught full-stack developer and a freelance who enjoys creating things that live on the internet, be it websites, applications, or anything in between.

# **S**KILLS

Languages C, C++, Java, Python, HTML/CSS, JavaScript

Web Dev Next.js(React), Vue.js, Tailwind CSS, Bootstrap Node, Express

Databases Firestore, MongoDB, HyGraph CMS, SQLite **Data Science** Tensorflow, Keras, Numpy, Pandas, Matplotlib **DevTools** Git, GitHub, VSCode, Netlify, DigitalOcean, Vercel **Extras** App Dev Lead of KIIT Konnexions, the IT society



## Work Experience and Projects

#### Oct '22 - May '23

### Various Deep Neural Networks on COMPUTER VISION

- > Implemented an image captioning model using a CNN and a Transformer.
- > Used Convolution LSTM for creating a Next-Frame Prediction Model.
- > Implemented the concept of Style Transfer and auto-encoders.
- > Worked on Super-Resolution and Low-Light Image Enhancement.

Deep Learning | Computer Vision | TensorFlow

#### January 2023

#### AlgoVisualiser % ALGOS.SANDEEPSWAIN.DEV

- > AlgoViz is a responsive web application that visualises various algorithms.
- > It includes various sorting, searching and Path-Finding Algorithm.
- > State Management is achieved with Redux.

Next.js Tailwind Algorithms Redux

#### November 2022

#### Official Website of Talent Sprint Classes (% TALENTSPRINTBAM.COM)

- > The website consists a fully functional admin panel for managing the website content.
- > services are also available for students and faculty enrolled.

Vue.js Bootstrap FireStore Firebase

#### September 2022

# Radon % RADON.SANDEEPSWAIN.DEV

- > Radon is a demo website for The Grooming Self, local clothing startup.
- > Users can create account, add products to their carts and shop.
- > Also secure payment gateway is implemented using Stripe.

Stripe TailwindCSS Next.js MongoDB

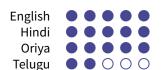
#### July 2022

#### SocialFair % SOCIAL.SANDEEPSWAIN.DEV

- > SocialFair is a responsive Social Media Web-app allowing user to post, like, comment and chat.
- > Custom Express Server to use Web-Sockets (Socket.io) in the app for real-time chats.

Next.js TailWindCSS Express Socket.io

## LANGUAGES





### EDUCATION

2020-Now B. Tech in CSE, 4th Year at KIIT DU

CGPA as in 6th Semester - 9.21 2020 FIITJEE Junior College, Vijayawada

Class 12th Percentage - 95.5 2018 De Paul School, Berhampur (ICSE)

Class 10th Percentage - 92.4



I am actively seeking new opportunities and am eager to expand my knowledge base. I am keen on working with your organization to gain valuable work experience. I assure you of my full commitment and dedication to any tasks assigned to me.