# 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.

## ☰ SKILLS

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|---|---|
| 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.
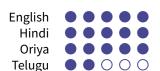
`Next.js` `TailwindCSS` `MongoDB` `Stripe`

**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` `MongoDB` `Express` `Socket.io`

## 🌐 LANGUAGES

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| English | ●●●●● |
| Hindi | ●●●●● |
| Oriya | ●●●●● |
| Telugu | ●●○○○ |

## 🎓 EDUCATION

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|---|---|
| 2020-Now | B. Tech in CSE, 4th Year at KIIT DU<br>CGPA as in 6th Semester - **9.21** |
| 2020 | FIITJEE Junior College, Vijayawada<br>Class 12th Percentage - **95.5** |
| 2018 | De Paul School, Berhampur (ICSE)<br>Class 10th Percentage - **92.4** |

## ✚ FOOTNOTE

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.