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

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
Other Skills	Flutter, Cryptography, GCP, Linux, Ethical Hacking
Can Speak	English, Hindi, Odia
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
- Landing page is designed for gaining more users with an insight of the institution.
- 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 for easier interaction among peers.
- Users can create account to post, like, comment, follow 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

🎓 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**

➕ 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.