

# Sandeep Kumar Swain

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## EDUCATION

**Kalinga Institute of Industrial Technology**  
*B.Tech. (Hons.) in Computer Science and Engineering*

Bhubaneswar, OD  
Sep. 2020 – Sep 2024

**FIITJEE Junior College**  
*Andhra Pradesh Board of Intermediate Education*

Vijayawada, AP  
Mar. 2018 – Mar. 2020

**De Paul School**  
*Indian Certificate of Secondary Education*

Berhampur, OD  
Mar. 2018

## EXPERIENCE

**Software Development Engineer**  
*Jungle Games Pvt. Ltd.*

Aug 2023 - Present  
College Station, TX

- Developed UI and reporting tools for Game Integrity services, including hand history displays and rule editor enhancements.
- Actively contributed to fraud detection through Self-Exclusion and Game Integrity Admin Configurations.
- Enhanced admin functionality with features like PAN individual checks, KYC image masking, and manual validations.
- Contributed to operational efficiency by streamlining contest template creation, mapping, and bulk offerings in the admin panel.
- Optimized the performance of admin dashboards by implementing scalable solutions for withdrawal management, ticketing systems, and jackpot setups.

## PROJECTS

**AlgoVisualiser** | *Next.js, Tailwind, Algorithms, Redux*

January 2023

- Developed AlgoVisualiser, a responsive web app that visually demonstrates various algorithms.
- Incorporated sorting, searching, and path-finding algorithms.
- Achieved state management using Redux.

**Konnexions** | *Next.js, Tailwind, HyGraph CMS, GraphQL*

December 2022

- Designed and implemented a landing page for the KIIT IT & Web Society.
- Integrated HyGraph CMS, enabling complete content configurability without requiring code changes.
- Crafted visually appealing background animations using CSS for an interactive user experience.

**Talent Sprint Classes** | *Vue.js, Bootstrap, Firestore, Firebase*

November 2022

- Designed a landing page to attract new users and provide insights into the institution.
- Created a fully functional admin panel for seamless website content management.
- Provided services for enrolled students and faculty.

**Radon** | *Next.js, TailwindCSS, MongoDB, Stripe*

Septmeber 2022

- Developed Radon, a demo website for The Grooming Self, a local clothing startup.
- Enabled user account creation, product selection, and online shopping cart functionality.
- Implemented a secure payment gateway using Stripe.

**SocialFair** | *Next.js, TailWindCSS, MongoDB, Express, Socket.io*

July 2022

- Created SocialFair, a responsive Social Media Web-app promoting seamless peer interaction.
- Enabled user account and post creation, liking, commenting, following, and chat functionalities.
- Developed a custom Express Server utilizing Web-Sockets (Socket.io) for real-time chats.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Go

**Frameworks:** Next.js(React), Vue.js, Tailwind CSS, Bootstrap, Node.js, Express

**Developer Tools:** Git, GitHub, Docker, VSCode, IntelliJ, Netlify, DigitalOcean, Vercel

**Databases:** Postgres, Starbust, Firestore, MongoDB, HyGraph CMS

**Others:** Cryptography, GCP, AWS, Linux, Ethical Hacking

**Data Science:** Tensorflow, Keras, Numpy, Pandas, Matplotlib

**Extras:** App Dev Lead of KIIT Konnexions, the IT society