

HRUSHIKESH ANAND SARANGI

DOB: 22 Oct 2005 Sambalpur, Odisha

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Education

National Institute of Technology, Rourkela <i>Bachelor of Technology in Industrial Design</i>	September 2023 – Present <i>Rourkela, Odisha</i>
Guru Nanak Public School, Sambalpur <i>CBSE, Science (PCM) (Percentage - 80%)</i>	May 2023 <i>Sambalpur, Odisha</i>
Guru Nanak Public School, Sambalpur <i>CBSE (Percentage - 78%)</i>	May 2021 <i>Sambalpur, Odisha</i>

Relevant Coursework

- Distributed Systems
- Operating Systems
- Data Structure and Algorithms
- Computer Networks
- DBMS
- Cloud Computing

Work Experience

IEEE Indiscon <i>Web Developer</i>	Jun 2025 – Aug 2025 <i>Rourkela, Odisha</i>
<ul style="list-style-type: none">• Developed the official IEEE INDISCON 2025 website with responsive UI, secure registration, and deadline synchronization, serving 500+ global participants.• Built multi-track scheduling, speaker profiles, and automated notifications across 12+ technical tracks (AI/ML, IoT, Cloud, Networking).	

Projects

EduStarr <i>Next.js, Supabase, PhonePe, Tailwind CSS</i>	July 2025 – Present <i>GitHub</i>
<ul style="list-style-type: none">• Built and deployed a live web app with Supabase authentication and database integration for a personal business in the academic context.• Integrated PhonePe payment gateway, enabling smooth and secure online transactions.• Delivered a responsive, production-ready solution with scalable Next.js frontend and Supabase backend.	
Medhamanthan <i>Next.js, TypeScript, FastAPI, Nginx, Docker, Raspberry Pi</i>	June 2025 – July 2025 <i>GitHub</i>
<ul style="list-style-type: none">• Composed a lightweight CNN-based leukemia detector optimized for real-time inference (<1s) on Raspberry Pi.• Structured an end-to-end CLI pipeline automating preprocessing, augmentation, training, and evaluation, reducing experimentation time by 40%.• Containerized with Docker and served via Nginx, securely deploying the model on a local network for 5+ concurrent users.	
MetaFin <i>Next.js, Django, Gemini LLM, Kubernetes, Docker</i>	March 2025 – April 2025 <i>GitHub</i>
<ul style="list-style-type: none">• Built a multi-agent financial analytics platform integrating Gemini LLM, generating personalized investment insights with 85%+ recommendation accuracy across test portfolios.• Developed real-time dashboards supporting interactive portfolio tracking for 50+ simulated assets, reducing analysis time by 30%.• Containerized frontend and backend services and deployed via Kubernetes, achieving 99% uptime and seamless scaling for 10+ concurrent users.	

Achievements/Certifications

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| • IEEE Medhamanthan 2025
Secured 3rd place at IEEE Medhamanthan 2025 for a cost-effective AI-based leukemia detection system. | June 2025
Certificate |
| • E-toycathon 2025
Selected as one of 20 national finalists (from 400+ students across 112 teams) in an robotics challenge organized by C-DAC under MeitY, aimed at fostering indigenous, sustainable electronic toy prototypes. | March 2025
Certificate |

Technical Skills

- **Languages:** Python, C++, Bash, Typescript, Java
- **Operating Systems:** Windows, Ubuntu
- **Developer Tools:** VS Code, Google Collab, Postman, IntelliJ IDEA, Git, Docker, Kubernetes
- **Technologies/Frameworks:** React.js, Next.js, FastAPI, Spring Boot, Tailwind CSS, Electron.js, Django, MySQL

Extracurricular Activities

AIChE NIT Rourkela <i>Web Development Head</i>	June 2025 – Present <i>NIT Rourkela</i>
<ul style="list-style-type: none">• Maintained and optimized the official club website, improving load speed by 25% .	
SPIC MACAY NIT Rourkela <i>Club Manager</i>	June 2025 – Present <i>NIT Rourkela</i>
<ul style="list-style-type: none">• Coordinated 5+ cultural events with an average footfall of 300+, boosting campus participation in classical arts by 35%.	