

HRUSHIKESH ANAND SARANGI

(+91) 8260343186 hrushikeshsarangi7@gmail.com [Linkedin](#) [Github](#) [Portfolio](#)

Education

National Institute of Technology, Rourkela

Bachelor of Technology in Industrial Design

September 2023 – Present

Rourkela, Odisha

Guru Nanak Public School, Sambalpur

CBSE, Science (PCM)

May 2023

Sambalpur, Odisha

Guru Nanak Public School, Sambalpur

CBSE

May 2021

Sambalpur, Odisha

Relevant Coursework

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

Work Experience

N6T Technologies

Jun 2025 – Aug 2025

Full Stack Intern

Rourkela, Odisha

- Engineered a Full-Stack EHR integration with **Sysmex Analyzers**, fully automating lab data entry to **eliminate** manual transcription errors and ensure data integrity.
- Directed client-side troubleshooting and deployment in a **production environment**, translating clinical requirements into software patches to maintain system stability.

Projects

MetaFin

March 2025 – April 2025

Next.js, Django, Gemini LLM, Kubernetes, Docker

GitHub

- 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**.

Identiq

Nov 2025

Next.js, Flask, Node.js, MongoDB, FaceNet, DeepFace, Gemini AI, Real-Time Messaging Protocol (RTMP)

GitHub

- Engineered FaceNet AI matching engine with DeepFace, cutting timelines by 90 percent via two-way linkage for missing persons and UIDB.
- Architected a low-latency **IoT Edge** network on **Raspberry Pi** using **RTMP**, achieving **sub-second (<1s)** real-time facial verification and video streaming.
- Developed a **Next.js** command dashboard integrated with **Gemini AI** to generate automated case resolution analytics and real-time geospatial visualizations.

Medhamanthan

June 2025 – July 2025

Next.js, TypeScript, FastAPI, Nginx, Docker, Raspberry Pi

GitHub

- 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**.

Achievements/Certifications

- **IEEE Medhamanthan 2025** June 2025
Secured 3rd place at IEEE Medhamanthan 2025 for a cost-effective AI-based leukemia detection system. Certificate
- **Baker Hughes Virtual Hackathon 2025** October 2025
Achieved Finalist status (Top 7) in the Baker Hughes Hackathon 2025 by engineering 'Smart Sentry,' a multi-phase anomaly detector that improved fault identification accuracy by 86 percent across 3 distinct turbofan operational states. 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

June 2025 – Present

Web Development Head

NIT Rourkela

- Maintained and optimized the official club website, improving load speed by 25% .

SPIC MACAY NIT Rourkela

June 2025 – Present

Club Manager

NIT Rourkela

- Coordinated 5+ cultural events with an average footfall of 300+, boosting campus participation in classical arts by 35%.