

HRUSHIKESH ANAND SARANGI

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

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)</i>	May 2023 <i>Sambalpur, Odisha</i>
Guru Nanak Public School, Sambalpur <i>CBSE</i>	May 2021 <i>Sambalpur, Odisha</i>

Relevant Coursework

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

Work Experience

N6T Technologies <i>Full Stack Intern</i>	Jun 2025 – Aug 2025 <i>Rourkela, Odisha</i>
<ul style="list-style-type: none">• 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 <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.	
Identiq <i>Next.js, Flask, Node.js, MongoDB, FaceNet, DeepFace, Gemini AI, Real-Time Messaging Protocol (RTMP)</i>	Nov 2025 <i>GitHub</i>
<ul style="list-style-type: none">• 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 <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.	

Achievements/Certifications

- **IEEE Medhamanthan 2025**
Secured 3rd place at IEEE Medhamanthan 2025 for a cost-effective AI-based leukemia detection system. **June 2025**
Certificate
- **Baker Hughes Virtual Hackathon 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. **October 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%.	