

SUBHASISH RATH

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PROFESSIONAL SUMMARY

Third-year B.Tech CS undergrad (CGPA 8.12/10, graduating June 2027) with proven experience building AI-powered full-stack products, LLM-integrated pipelines, and deployed REST APIs. Shipped 6+ production projects using Python, TensorFlow, PyTorch, LangChain, Next.js, and Docker. Daily GitHub contributor. Seeking a Software Engineering Internship.

EDUCATION

Trident Academy of Technology, Bhubaneswar

June 2023 – June 2027

B.Tech – Computer Science & Engineering | CGPA: 8.12 / 10.0

Coursework: DSA, OOP, DBMS, Computer Networks, OS, Machine Learning, Software Engineering

TECHNICAL SKILLS

Languages: Python, TypeScript, SQL, Dart

AI / ML: TensorFlow, PyTorch, scikit-learn, LangChain, Hugging Face, NLP, RAG Pipelines, Prompt Engineering

Full-Stack: Next.js, React, Node.js, Express, FastAPI, Flask

DevOps & Tools: Docker, Git, CI/CD, Vercel, REST API, GraphQL, Microservices

Databases: PostgreSQL, MongoDB, MySQL, Vector Databases

INTERNSHIP EXPERIENCE

Central Tool and Training Centre (CTTC), Bhubaneswar

June 2025 – July 2025

AI/ML in Python – Summer Intern

- Trained deep learning models (TensorFlow/PyTorch) on real-world datasets; built FastAPI-based REST endpoints for model serving.
- Developed LangChain RAG pipelines integrated with vector databases for conversational AI workflows.
- Implemented CI/CD pipelines for automated model training, testing, and deployment; worked in Agile/Scrum sprints.

PROJECTS

Nexora AI – AI Vibe Coding Platform

Python · Next.js · TypeScript · LLMs · Vercel

- Full-stack AI platform generating production-ready websites, PDFs, and resumes with source code; scalable REST APIs handle concurrent LLM requests.
- Structured prompt engineering for reliable LLM output; deployed on Vercel with CI/CD — sub-5s generation per request.

Rakshyak – Emergency Response Platform

Python · AI · Tailwind CSS · REST API

- Location-aware emergency access app for rural India — one-tap reach to nearest hospitals, ambulances, and police via geolocation APIs.
- Mobile-first Tailwind CSS UI optimised for low-bandwidth Android devices.

Local Connect – Civic Issue Reporting App

Dart · Flutter · Google ML Kit

- Real-time civic reporting app with ML-powered image classification (Google ML Kit) for automated issue categorisation.
- Geospatially indexed backend supporting concurrent multi-user reports; automated Android deployment via CI/CD pipeline.

CERTIFICATIONS & ACHIEVEMENTS

- Python for Data Science, AI & Development – IBM (Coursera)
- AI & Machine Learning – CTTC, Govt. of India
- Backend Development with Node.js & Express – IBM
- Geo-data Sharing & Cyber Security – ISRO (Grade: A+)
- Space Science Research – ISRO (Grade: A+, 100% Attendance)
- IDE Bootcamp – AICTE & Ministry of Education
- Daily GitHub contributor | 6+ deployed, production-grade projects

Available for Internship | Graduating June 2027 | Open to Relocation