SUBHANKAR RATH

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Institution	Degree / Qualification	Year / Expected Graduation	Marks / CGPA
GIET University, Gunupur	B.Tech in CSE	Expected April 2027	7.2 CGPA
Pragati Science college	12th	2023	74%
SSVM Brajavihar, bhawanipatna	10th	2021	83%

Professional Summary

Aspiring Computer Science undergraduate passionate about AI, web development, and machine learning. Skilled in Python, Java, and MERN stack with strong project management and problem-solving abilities. Dedicated to building impactful solutions through research and teamwork.

Work Experience

Web Development Intern — NALCO (National Aluminium Company Limited)July 2025
- Developing and enhancing internal web applications using HTML, CSS, JavaScript, and React.
- Collaborating with the IT team to integrate APIs, debug issues, and improve website performance.
- Gaining hands-on experience in real-world web deployment and optimization.

AI/ML Domain Lead — Innotech Club, GIET University Jan 2025 – Present
- Leading AI/ML initiatives and mentoring students in NLP and Python-based projects.
- Organizing technical workshops and coordinating cross-domain innovation activities.

Team Member — Smart India Hackathon 2024 (Ocean Data Project)-Aug 2025
- Built an ocean data analysis dashboard using ML techniques to improve prediction accuracy and visualization.

Web Developer — Personal Projects-Jun 2024
- Designed full-stack web applications, including an e-commerce site, job portal, and hotel management system using MERN stack, React, and Supabase.

Projects

- **Crude Oil Price Prediction (Minor Project)** – Built a time-series forecasting model (SARIMA) to predict oil prices using Python.
- **Smart India Hackathon Project (Ocean Data)** – Applied machine learning to analyze and visualize ocean datasets.
- **E-commerce Platform (MERN)** – Designed a full-stack online store using MongoDB, Express, React, and Node.js.
- **Job Portal (React + Supabase)** – Developed job posting and authentication features using Clerk API.
- **Hotel Management App** – Created a web-based system for room booking and staff management.

Skills

- **Technical Skills**: Python, Java, C, JavaScript, MERN Stack (MongoDB, Express, React, Node.js)
- **Machine Learning**: Pandas, NumPy, Scikit-learn, Time Series Forecasting (SARIMA)
- **Tools & Platforms**: Git, Firebase, Supabase, Clerk, VS Code
- **Soft Skills**: Leadership, Communication, Time Management, Team Collaboration