# SUBHANKAR RATH

Bhawanipatna, India – 766001 | +91 82601 38217 | subhankarrath07@gmail.com |

LinkedIn: linkedin.com/in/subhankarrath|

Github:Github.com/subhankarrath | Nationality: Indian

## Education:

- Currently pursuing a B.Tech in Computer Science and Engineering at GIET University, Gunupur, with an expected graduation in April 2027 and a CGPA of 7.2.
- Completed 12th grade under the CHSE board with 74%.
- Completed 10th grade under the Board of Secondary Education, Odisha with 83%.

## Professional Summary:

Computer Science and Engineering undergraduate with hands-on experience in web development and AI-based projects, focused on building practical, problem-solving applications. Proficient in Python, Java, and the MERN stack, with experience working on end-to-end projects involving real-world data and system integration. Strong analytical thinking, steady project execution, and a growing interest in applied AI and automation.

## 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.

**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 Development — 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):** Developed a time-series forecasting model using SARIMA to predict crude oil prices, leveraging historical data analysis and Python-based statistical modeling.
- **Ocean Data Analysis(Smart India Hackathon):** Ocean Data Analysis Applied machine learning techniques to analyze and visualize large-scale ocean datasets, extracting insights to support data-driven environmental analysis.
- **E-Commerce Platform (MERN Stack):** Designed and implemented a full-stack e-commerce application using MongoDB, Express, React, and Node.js, supporting product management, user authentication, and order handling.
- **Job Portal Application(Internship at NALCO):** Built a job portal with authentication, job posting, and role-based access using React and Supabase, integrating backend services via REST APIs.

# Certification:

- NALCO Internship: Industrial Training and Practical Exposure
- NPTEL Course: The Joy of Computing Using Python Programming
- Bharat Blockchain Network: Blockchain Fundamentals and Development

# Skills:

- Programming & Web: Python, Java, C, JavaScript, React, Node.js, Express, MongoDB, REST APIs
- Machine Learning: Pandas, NumPy, Scikit-learn, Time Series Forecasting (SARIMA)
- Tools & Skills: Git/GitHub, Firebase, Supabase, VS Code, Problem Solving, Team Collaboration

# Personal details:

- DOB: 24-06-2005
- Father's Name : Dusmanta kumar Rath
- Strength : Problem-solving mindset, Strong technical foundation, Adaptable team contributor
- Permanent Address: Kalahandi , Odisha