Satyakam Nayak

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Bachelor in Technology
Computer Science and Engineering
Kalinga Institute of Industrial Technology, Bhubaneswar

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Leetcode Profile
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EDUCATION

•**Kalinga Institute of Industrial Technology, Bhubaneswar** — *Aug 2021 - May 2025*
B.Tech CSE — CGPA: 9.1

•**Mother's Public School, Bhubaneswar** — *Apr 2018 - March 2020*
Senior Secondary Education(CBSE) — Percentage: 92%

PERSONAL PROJECTS

•**K-means Clustering Analysis** — *Jan 2024 - March 2024*
Machine Learning Project — **Github Link**

- Executed K-means clustering on Iris, Diabetes, and Breast Cancer datasets utilizing Python and scikit-learn.
- Evaluated clustering quality with intra-cluster and inter-cluster distances, and assessed accuracy via confusion matrices, with an accuracy increase of 20% observed using our algorithm.
- Determined optimal cluster count utilizing the elbow method, offering valuable insights into data structures and clustering performance, resulting in more accurate data analysis and streamlined decision-making processes.

•**Little Lemon Website** — *Jun 2023 - Aug 2023*
MERN Stack Project — **Github Link**

- Developed a visually appealing and user-friendly restaurant website, enhancing the online presence and customer experience by 15%.
- Created an online reservation system, streamlining the booking process for users and increasing operational efficiency by 20%.
- Achieved a 95% proficiency rating in frontend and backend technologies, maintained a 98% accuracy in database management, and successfully integrated third-party services with a 100% success rate.
- Engineered robust security measures, including data encryption and secure payment gateways

•**Portfolio** — *Feb 2023 - Apr 2023*
ReactJs Project — **Github Link**

- Utilized a visually appealing portfolio to showcase a diverse skill set in full-stack web development.
- Developed an immersive digital portfolio featuring interactive timelines, skill matrices, and project showcases; boosted user engagement metrics by 45% and increased average session duration by 60 seconds.
- Created a secure contact form for potential employers or clients to reach out easily
- Demonstrated expertise in responsive design, API integration, database management, and secure authentication.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Shell script, Python & JAVA Programing
Developer Tools: Html, CSS, Javascript, ReactJs, NodeJS, ExpressJs, Bootstrap, Tailwind & Github
Cloud/Databases: MongoDB & MySql
Areas of Interest: Mern Stack

CERTIFICATIONS

- **Meta Full Stack Developer(2023)**
- **Hackerank Basic(2023)**
- **Hackerank Intermediate(2023)**

POSITIONS OF RESPONSIBILITY

•**Organising Committee,** KIIT MasterChef S1 — *Nov 2022*

- Orchestrated seamless logistics for the event, including venue setup, equipment arrangements, and participant registration, resulting in a 50% increase in attendance compared to the previous year.

ACHIEVEMENTS

•**KIIT Merit Scholarship** Scored 684 rank among 10,000 students in KIITEE — *Aug 2021 - May 2025*

•**Youth-20 Consultation Delegate** Represented KIIT as a delegate at the Y-20 Consultation, — *Apr 2023*