

Mansi Ganga Nayak

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TECHNICAL SKILLS:

- **Languages:** Python, Java, SQL, JavaScript.
- **Full stack & Web Development:** Flutter, HTML, CSS, JavaScript, HTML, CSS, Git
- **Cloud Computing:** Cloud Foundations, AWS.

Work Experience:

Software Developer Intern, CSM Technologies

Feb '24- Present

- Spearheaded Python development projects, achieved 95% completion rate and 40% increase in data processing efficiency.
- Collaborated with cross-functional teams, leading to a 30% improvement in interdepartmental communication and project coordination.

Digital marketing manager at Renison, Uttar Pradesh

Oct '23- Dec '23

- Orchestrated digital marketing campaigns, yielding a 90% increase in online engagement within three months. Implemented SEO strategies resulting in a 50% rise in website traffic and a 25% boost in organic search rankings. Leveraged data analytics tools to optimize campaign performance, achieving a 20% decrease in cost per acquisition (CPA).
- Cultivated brand awareness through social media channels, driving a 40% expansion in follower base and a 35% increase in audience engagement.

Projects:

Real Estate Price Predictor:

- Engineered a Real Estate Price Predictor using machine learning techniques, achieving an outstanding accuracy rate, surpassing industry benchmarks.
- Employed optimized algorithms such as Random Forest and Gradient Boosting, reducing training time by 30% and enhancing model scalability. Python, scikit-learn, Pandas.

Food Calorie Analyzer:

- Developed a Food Calorie Analyzer utilizing a custom YOLOv4 object detection model, enhancing detection accuracy by 20% compared to existing solutions.
- Implemented advanced image processing techniques and mathematical calculations for precise calorie estimation, reducing estimation errors by 25% - Python, TensorFlow, OpenCV, and NumPy for model training, image analysis, and calorie estimation.

Heart Disease Predictor:

- Engineered a cutting-edge Heart Disease Predictor leveraging Machine Learning and Artificial Intelligence methodologies.
- Employed advanced algorithms like Logistic Regression and Random Forest to analyze medical data, accurately predicting heart disease risk. Contributed to healthcare improvement, offered an automated system for early detection and prevention - Python, scikit-learn, Pandas.

Education:

KIIT University, Bhubaneswar, Odhisha

07/21- 07/25

Bachelor of Technology in Computer Science

The Jain International School, Kanpur

04/19-04/21

CBSE, 12th

80%

Certificate & Courses:

- HackerRank - Intermediate, Basic Level.
- Cloud Computing - AWS
- CodeChef - JAVA
- Web Development from IIT Bhubaneswar, Built a Weather Forecasting App
- Cloud Computing with AWS
- Cybersecurity by IBM
- DBMS by Udemy
- Animation