

Manas Ranjan Sahu

Email:-manas93379@gmail.com

Phone:-7608987453 ·

Linked In:-<https://www.linkedin.com/in/manas-ranjan-sahu-b78bb9262>

Portfolio:-<https://manas404.github.io/Portfolio/>



OBJECTIVE

Motivated and detail-oriented Full Stack Developer with a strong foundation in AI and Machine Learning. Seeking to leverage expertise in both front-end and back-end development, alongside data-driven solutions, to build intelligent and scalable application and data analyst.

EDUCATION

- **B.Tech in Computer Science & Engineering** (9.09 sgpa)-NIST University
 - **12 th standard** (79.05%)-Khallikote H S School,Berhampur(2022)
 - **10 th standard** (85.33%)-Saraswati Sishu vidya Mandir,Nimakhandi(2020)
-

COURSE/CERTIFICATIONS

-Machine Learning-Internship NIST University,Berhampur

Learning the Machine Learning course effectively and implementing the algorithms in multiple projects to give some Valuable outputs.

-C Programming (Unitech,BAM)

Have completed my summer internship course c programming from a institute manually from where i learn basics and all implementations and use of the language and it's various applications.

-Demistifying Networking(NPTEL)

Have completed my summer internship course that is Demistifying networking from NPTEL which was an online mode got certified from NPTEL which was providedby IIT Bombay board.

-AI/ML(CTTC,BBSR)

Successfully completed an internship in AI/ML at CTTC Bhubaneswar, gaining hands-on experience in model development and data analysis.Worked on real-time machine learning projects, enhancing skills in Python, Tensorflow and data preprocessing techniques.

-Backend Developer(GWING Software Technologies)

Successfully completed a remote Backend Developer Internship at GWING Software Technologies. Contributed to real-world projects from May 19, 2025 to June 18, 2025 with strong dedication and consistent performance. Gained hands-on experience in backend technologies and collaborative software development..

TECHNICAL SKILLS

Programming Languages:-Python,R,C,Java,CSS,HTML,JS,Node.js Artificial Intelligence,TypeScript

Data Analyst	NoSQL	ETL Tools	NLP
Microsoft Excel	SQL	Tensorflow	AWS
Data Cleaning	PowerBI	PyTorch	Azure
Tableau	Big Data Technologies	Scikit-learn	

SOFT SKILLS

English,Hindi,Odia

Time Management,Team Collaboration,Quick Learner,Analytical Thinking

PROJECTS

- **Wine quality prediction-**

Developed a machine learning project focused on predicting wine quality using various physicochemical attributes from a publicly available dataset. The project involved data preprocessing, feature selection, and applying algorithms such as Random Forest and Support Vector Machine to classify wine quality levels.

- **Song Recommendation System**

Created a Song Recommendation System using machine learning techniques to suggest music based on user preferences and song features. The project involved analyzing audio features, user behavior, and metadata to build a content-based filtering model. By leveraging similarity metrics and clustering algorithms, the system effectively recommended personalized song lists with improved user engagement.

- **Face detection**

Developed a Face Detection System using machine learning and computer vision techniques to accurately identify and locate human faces in images and video streams. The project utilized Haar Cascades and deep learning-based models like CNNs for enhanced detection accuracy.

- **Drowsiness Detection**

Developed an AI/ML-based drowsiness detection system using computer vision and deep learning to monitor driver alertness in real-time. Implemented facial landmark detection and eye-blink analysis for fatigue prediction with high accuracy. Deployed the solution with optimized performance for real-world applications, enhancing road safety.

- **StuConnect**

A platform/webpage that provides assistance to children/people in remote and isolated areas such as institutions. The platform aims to facilitate support and delivery of essential services to the users through a network of volunteers and friends who visit these areas using various frontend and backed technologies like css,html,Node JS.

- **AmazonClone**

An Amazon clone website as a web development project to replicate core functionalities of the e-commerce platform. The project included features like user authentication, product listings, shopping cart, and checkout using technologies such as HTML, CSS, JavaScript, and React. It provided a responsive user interface and dynamic content handling to simulate a real online shopping experience.

LANGUAGES KNOWN

- English
- Odia
- Hindi