

# SANCHARI RAY

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## Education

Kalinga Institute of Industrial Technology, Bhubaneswar

Sep. 2020 – July 2024

Bachelor of Technology in Computer Science ; CGPA : 9.38

Bhubaneswar, India

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Machine Learning
- OOPS
- Database Management
- Operating Systems
- Software Engineering

## Experience

Samagra Development-CodeForGovTech

May – September 2023

Data Science Intern

Bangalore, India

- **ML Part:** Used **Deep Neural Networks** to increase accuracy from **0.88 to 0.95** by analysing sentiments and identifying hate material in customer feedback and reviews of various company-organized events. .
- **Analysis Part:** Six corporate datasets for different events were subjected to data cleaning, preprocessing, and visualisation using Python tools in order to create an overall data analysis report for the datasets.

Salesforce

May – July 2023

Software Developer Intern

Hyderabad, India

- Spearheaded seamless collaboration with Salesforce development team, utilizing expertise in **Apex code** and **Visualforce pages** to address specific business requirements. Participated in the design and architecture of Salesforce applications to ensure scalability and maintainability, resulting in 8% improvement in system efficiency.
- Implemented custom functionality such as **triggers**, **workflows**, and **validation rules** to automate business processes.
- Worked closely with customers to gather requirements and deliver solutions, achieving a **10% increase in project success rate**.

## Projects

ManageIt | *Django ,SQL, Python*

🔗 [PROJECT LINK](#)

- ManageIt can be used by any user to store the personal employee details of the employees in the workplace including - name, email, department, all update/delete and filter the details later as per requirements. The admins can also group employee related to workplace and can also delete them later once they are done with them.

Health Assist | *Classification models, sklearn , spyder*

🔗 [PROJECT LIVE](#)

- Health Assist is a web-based disease prediction application using the Streamlit framework to aid early detection of various medical conditions that accurately predicts diseases based on user-provided symptoms, achieving a prediction accuracy of over 90%.

Summarize Today | *Google News API , Newspaper3k , BeautifulSoup*

🔗 [PROJECT LIVE](#)

- SummarizeToday is a Python script and Streamlit web application that allows users to fetch and display news articles from Google News.
- Implemented image handling with Pillow (PIL) to display news poster images, resulting in a 20% enhancement in user engagement and visual appeal.

## Technical Skills

**Programming:** Python, C++, SQL

**Web Skills & Frameworks:** HTML/CSS, ReactJS, Django, Tableau , PowerBI, Pandas, Numpy, scikit-learn, Deep Learning Frameworks, NLTK, Seaborn

**Tools & Database:** Git, Jupyter Notebook, Google Colab, VSCode, Windows ,MySQL

## Leadership And Achievements

- Received 100 days and 50 days of coding badges from Leetcode and solved 300+ quality problems. 🔗 [LEETCODE](#)
- Selected for the nanodegree program for winter cohort by Amazon Web Services for AWS AI ML Scholar.
- Received a Letter of Recommendation acknowledging sincere and result oriented work performance from Code Clause.