

Sanchari Ray

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EDUCATION

- Kalinga Institute of Industrial Technology, Bhubaneswar** Odisha, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.68(Uptil 5th Sem) 2020 - present
Courses: Operating Systems, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Cloud Computing, Database Management Systems, Data Analysis, Object Oriented Programming, Computer Networks.

SKILLS SUMMARY

Languages: Python, C, C++, JavaScript, SQL, Java, HTML, CSS

Tech Stack & Frameworks: NLTK, Pandas, OpenCV, SciKit, Matplotlib, Jupyter, Flask, Bootstrap, Keras, Tensorflow, MongoDB, Reactjs

Tools: Git, MySQL, PopSQL, Tableau, GitHub, Microsoft Excel, Agile Development

Platforms: Linux, Windows, Web, AWS, Firebase, VS Code, Google Colaboratory

Soft Skills: Leadership, Problem-solving, Analytical thinking, Teamwork, Communication, Time management

EXPERIENCE

Salseforce Remote
Developer Intern May 2023 - Present

- Development: Working on Customer Relationship Management (CRM)
- Tech : Apex Programming

Code Clause Remote
Data Science Intern Jun 2023 - Jul 2023

- Contributing on Four Different Projects using Data Science : Working on four different project based on real time problems such as Time Series Forecasting, Age and Gender Detection, Customer Segmentation.
- Tech : Python, OpenCV, Convolutional Neural Networks, Deep Learning, Keras, Tensorflow

Walmart Global Tech Remote
Advanced Software Engineering Virtual Experience Program May 2023 - Jun 2023

- Project on Data Munging using Java Programming Language where I have been given four tasks with different problems statements provided by the company including UML Designs.

Code For GovTech Remote
Open Source Contribution May 2023- Jun 2023

- Contributed on the project idea : Document Uploader using NLP, FastAPI, Hugging Face Transformers where I have enhanced the project using asynchronous Document Embedding Uploader API.
- Another contribution was on Glific Chatbot where I integrated AI4 BHARATH voice to text services into the chatbot.

Google Developers Student Club (GDSC) Remote
Machine Learning Intern Dec 2022- Apr 2023

- Worked on a project using Convolutional Neural Networks and increased the accuracy of pre-trained model from 72% to 97%.
- Worked as a project manager and successfully completed a project i.e. Rice crop field classification using satellite data. Tech : Python, Gaussian Process Classifier, Hyperparameter.

PROJECTS

- CIFAR-10-Object-Recognition-using-ResNet50:** This project aims to demonstrate object recognition on the CIFAR-10 dataset using the ResNet50 deep learning model. The CIFAR-10 dataset consists of 60,000 32x32 color images across 10 different classes, with 6,000 images per class.(June 2023)
- Image Encryption:** In computing, encryption is the method by which plaintext or any other type of data is converted from a readable form to an encoded version that can only be decoded by another entity if they have access to a decryption key. Encryption is one of the most important methods for providing data security, especially for end-to-end protection of data transmitted across networks (Dec 2022)
- Stock Price Predictor:** This project utilizes Deep Learning models, Long-Short Term Memory (LSTM) Neural Network algorithm, to predict stock prices.(April 2023)
- Multiple-Disease-Prediction-System-Using-Streamlit:** This prediction system is a web based application using Streamlit framework which can predict multiple diseases like Heart Disease, Parkinson's Disease and Diabetes.(May 2023)
- Gender and Age Prediction System:** The main aim of this project is to build a gender and age detector that can approximately guess the gender and age of the person (face) in a picture or through webcam using OpenCV and Deep Neural Network.(May 2023)

AWARDS AND CERTIFICATES

- **Pragati Merit Scholarship-Technical Degree** – May 2022
- **AWS AI ML Scholar:** Selected for the nanodegree program for winter cohort – Dec 2022
- **Cadane Design Systems Virtual Program** – March 2023
- Got an excellence certificate from **Cocubes** for excellent performance in their exam – May 2023
- Passed **GAIT Examination** with Bronze Certification – May 2023