

Ganesh Prasad Sahoo

BTech in CSE

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About

Driven Data Science Intern ready to thrive in demanding digital intelligence processing environments. Well-informed on latest machine learning advancements. Ready to combine tireless hunger for new skills with desire to exploit cutting-edge data science technology.

Skills

Python- Pandas, NumPy, Seaborn, Matplotlib, TF | Machine Learning- Supervised, Un-supervised | Data Analytics- PowerBI | Deep Learning | SQL/PLSQL | Statistics & Probability | PHP- Apache Data Mining | Data Warehousing | Web Scrapping | Predictive Analysis | NLP |

Work History

❖ Data Analyst Virtual Intern (*March 2023 – Present*)

Yoshops, Chennai

- 1) Completed data cleaning and data validation of existing spreadsheets to promote robust data management platform, resulting in accurate data analysis and entry.
- 2) Identified, analyzed, and interpreted trends or patterns in complex data sets by finding correlations and visualizing with charts.
- 3) Collected, cleaned, and processed large data sets for analysis.
- 4) Analyzed data using statistical methods and data visualization tools.
- 5) Developed and maintained dashboards to track performance metrics.
- 6) Worked closely with the data analytics team to identify trends and insights.
- 7) Assisted with ad-hoc data analysis projects as needed.
- 8) Ensured data accuracy, completeness, and consistency.

1) Database Developer Intern in Oracle-11g (*Apr 2022- Aug 2022*)

SySoft Technology, Bhubaneswar

1. Assisted in designing, developing, and maintaining company's database systems.
2. Writing and optimizing SQL queries to extract and analyze data from databases.
3. Collaborated with the team to develop new database applications and processes.
4. Assisted with troubleshooting database issues, identifying and resolving problems in a timely manner.
5. Conducted performance tuning and optimization of database systems.
6. Documented all database design, development, and implementation activities.
7. Assisted with data migration and integration tasks.

2) Machine Learning Intern (*Sep 2022- Jan 2023*)

Silan Software's Pvt. Ltd., Bhubaneswar

1. Analyzed and designed ML models of the Zomato dataset using several ML algorithms across Bengaluru city.
2. Developed Crop prediction models using supervised ML techniques.
3. Created ML models to make critical predictions, automate reasoning and decisions and calculate optimization algorithms.
4. Collected, preprocessed, and analyzed data from various sources to build training datasets.

5. Conducted exploratory data analysis to understand the characteristics of the data and identify potential challenges and opportunities.
6. Developed and tested machine learning models using popular frameworks such as TensorFlow, PyTorch, or scikit-learn.

Projects

1) EDA AND MACHINE LEARNING MODELING ZOMATO DATASET

This is an analysis and design of an ML model of the Zomato data using several ML algorithms across Bengaluru city.

2) CROP PREDICTION USING MACHINE LEARNING

In this project, I have used multiple algorithms of Machine Learning to obtain higher accuracy of the ML model to obtain the best accuracy.

3) STUDENTS SCORE PREDICTION USING ML-MODELS

This project is developed for learning purposes. It is to enhance the student's performance with respect to their study time using various ML models.

4) LIBRARY MANAGEMENT SYSTEM USING PHP

Submitted to the major project in the final semester. The goal of the project was to Develop a fully functional web management system using HTTP.

5) ADVANCED AGRICULTURE USING IOT

Submitted to the minor project in 7 semesters. This is a multidisciplinary project. The main goal of the project is to develop an advanced agriculture technique using IoT devices.

Education

❖ BTech in Computer Science & Engineering (Aug 2018 – July 2022)

Biju Patnaik University of Technology, Odisha

Secured 8.5 GPA

- Completed professional development in Software Engineering, Soft Skills, DSA.
- Member of CII-Young Indian.
- Received State Scholarship.

❖ Higher Secondary Education: +2 Science (Apr 2016 – Apr 2018)

Council of Higher Secondary Education, Odisha

Secured 63% Aggregate

Tools

Anaconda- Jupyter Notebook | Visual Studio Code | Py- Charm | Power-BI | Oracle-11g

Apache – Server | Spyder | Git

Additional Skills

PREDICTIVE ANALYSIS

DATA MINING

PROBLEM SOLVING

PATTERN RECOGNITION

STATISTICAL ANALYSIS

NATURAL LANGUAGE PROCESSING

PRESENTATION SKILLS

GOOD TEAM WORK

ORGANIZATION SKILLS

CRITICAL THINKING

GOOD COMMUNICATION

QUICK LEARNER

POSITIVE MINDED

ADAPTIVE NATURE