

## SWAGATIKA NAYAK

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Bhubaneswar, Odisha

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## PROFESSIONAL SUMMARY

Computer Science Engineering graduate with a CGPA of **8.44/10**, skilled in Python, Java, SQL, Data Analytics, Machine Learning, and Data Visualization. Experience in Data preprocessing, Exploratory data analysis (EDA), Predictive modeling, and AI-based applications through internships and academic projects. Seeking opportunities in Data Analytics, Data Science, AI/ML, and Python Development.

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## TECHNICAL SKILLS

**Programming Languages:** Python, Java, SQL

**Data Analytics:** Pandas, NumPy, Data Cleaning, Data Preprocessing, EDA

**Machine Learning:** Scikit-Learn, Predictive Modeling, Classification, Feature Engineering

**Data Visualization:** Matplotlib, Seaborn

**Databases:** MySQL

**Tools:** Jupyter Notebook, VS Code, Streamlit

**Core Concepts:** Data Structures & Algorithms

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## EXPERIENCE

### Java Programming Trainee | Coding Blocks

Feb 2026 – Jul 2026 (Ongoing)

- Learning Core Java, DSA(data structure and algorithm , Collections Framework, Exception Handling, and File Handling.
- Developing Java applications and solving programming problems.
- Strengthening problem-solving, coding, and software development skills.
- Practicing Data Structures and Algorithms using Java.

### Python & Data Science Intern | SkilloTech, Bhubaneswar

Jan 2026 – Apr 2026

- Performed data cleaning, transformation, and preprocessing using Pandas.

- Conducted Exploratory data analysis on structured datasets.
- Developed and evaluated Machine learning models.
- Debugged and optimized Python code for better performance.

### **AI/ML Intern | CTTC, Bhubaneswar**

**Jun 2025 – Jul 2025**

- Assisted in machine learning model training and evaluation.
  - Worked on feature engineering and data preprocessing techniques.
  - Gained practical exposure to AI and predictive analytics workflows.
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## **PROJECTS**

### **Climate IQ – Predicting Climate Change**

**Python | Machine Learning | Data Analytics**

- Built a predictive analytics system to forecast climate trends using historical environmental datasets.
- Performed data cleaning, feature engineering, and visualization.
- Applied machine learning algorithms for climate prediction and trend analysis.
- Developed an interactive dashboard for data-driven insights.

### **Face Recognition System**

**Python | OpenCV**

- Developed a real-time face detection and recognition application.
- Implemented image processing techniques using OpenCV.

### **DineSight : intelligence analysis using machine learning – NLP Sentiment Analysis**

**Python | NLP | Machine Learning**

- Built a sentiment classification model using TF-IDF and Random Forest.
  - Analyzed customer reviews to identify positive and negative sentiments.
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## **EDUCATION**

### **B.Tech – Computer Science & Engineering**

KMBB College of Engineering & Technology

**Graduated: 2026**

**CGPA: 8.44/10**