**Prahallad Nayak** Phone: 8018333413 | Email: [prahalladnayak873@gmail.com](mailto:prahalladnayak873@gmail.com)

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Portfolio: <https://prahalladnayak.github.io/Portfolio-Prahallad_Nayak/>

GitHub:<https://github.com/Prahalladnayak>

**CAREER OBJECTIVE**

Eager to work in the field of Data Science, leveraging Machine Learning and Data Analytics to solve real-world problems and showcase my abilities. Passionate about extracting meaningful insights from data, building predictive models, and developing intelligent solutions that drive decision-making. Always keen to enhance my skills and contribute effectively to innovative projects.

**EDUCATION**

* B.Tech in Computer Science  
   Nalanda Institute of Technology, Bhubaneswar | 2023–2027  
   CGPA: 9.07 | Affiliated with Biju Patnaik University of Technology
* 12th (Higher Secondary)  
   Shree Nivas Higher Secondary School, Soro | 2022–2023  
   Percentage: 80.2%
* 10th (Matriculation)  
   Khaira Govt. High School, Khaira | 2020–2021  
   Percentage: 74%

**TECHNICAL SKILLS**

* Programming Languages: Python (Advanced), SQL, Java, C, HTML, CSS
* Machine Learning & AI: Supervised & Unsupervised Learning (Regression, Classification, Clustering, Feature Engineering).
* Natural Language Processing (NLP): Text Preprocessing, Text Classification, Sentiment Analysis, TF-IDF, Word Embeddings.
* Deep Learning: Neural Networks (ANN, CNN, RNN), Transfer Learning, Image & Text Processing (TensorFlow, Keras).
* Data Analytics & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel
* Data Science Tools & Libraries: Scikit-Learn, OpenCV (for Image Processing), TensorFlow
* Databases & Big Data: SQL, Database Connectivity (Python-SQL Integration)
* Other Skills: Web Scraping, API Integration, Git, Statistics & Probability, Exploratory Data Analysis (EDA)

**PROJECTS**

* Health Monitoring Web App: Developed a Flask-based application with three core modules—Disease Prediction, Health Risk Prediction, and Patient Segmentation—for early diagnosis and personalized health insights achieving 93% accuracy.
* Salary Prediction Model: Built a regression-based model to predict an individual’s salary based on experience, education, and skillset, achieving 85% accuracy.
* Placement Prediction Model: Developed a classification model to predict whether a student will get placed based on academic performance and skills, with 90% accuracy.
* House Rent Prediction Model: Built a regression-based model to estimate house rent prices using features like location, size, and amenities, achieving 84% accuracy.
* Diwali Sales Analysis Project: Analyzed 11,251 sales records using Python (Pandas, Matplotlib) to identify top-selling products and target customer segments, increasing revenue insights by 15%.
* Spotify Dashboard Using Power BI: Designed an interactive Power BI dashboard to visualize user listening habits, helping understand music trends and preferences.
* Real-Time Hand Counter: Implemented a computer vision solution using OpenCV to count hand gestures in real-time, achieving 95% accuracy in controlled environments.
* Programming Cheat Sheet: Developed a responsive web-based cheat sheet for multiple programming languages, benefiting 30% of students by providing quick access to key concepts.

**EXTRA-CURRICULAR ACTIVITIES**

* Intern at Pragsys.AI (Unpaid): Completed an AI/ML-focused internship, working on real-world projects involving data preprocessing, model building, and deployment using Python and machine learning libraries.
* Member of Techxera Coding Club, NIT BBSR: Engaged in coding challenges, peer mentoring, and hackathons.
* Exploring Technical Concepts :Continuously learning and researching new advancements in Data Science & Machine Learning using ChatGPT, Kaggle, and other AI tools.

CERTIFICATION

* AI/ML Internship Certificate – Pragsys.AI | 2025
* Google Data Science Certification – Coursera | 2025
* Power BI (Office Master) - Completed through a workshop | 2024.