Pabitra Lenka

AI & Data Science Enthusiast



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Baleshwara,Odisha
LinkedIn
12-11-2005
GitHub
Portfolio
Code

Summary

Dedicated AI/ML Engineer with hands-on experience in **machine learning, deep learning, generative AI, and intelligent application development**. Experienced in building and deploying AI solutions using **Python, Scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, OpenCV, SQL, NLP, and LLM technologies**. Developed machine learning and computer vision projects focused on solving real-world problems, with practical knowledge of **model training, evaluation, API integration, RAG, and MLOps workflows**. Eager to leverage strong analytical and engineering skills to **build scalable AI solutions, optimize ML models, and contribute to the development of innovative AI products for your organization**.

Professional Experience

AI/ML Intern, Mind Brain
06/2026 – 08/2026
Bhubaneswar,Odisha

- Assisted in developing and evaluating machine learning models.
- Performed data preprocessing, analysis, and model validation.
- Contributed to AI/ML application development using Python and relevant frameworks.

Web Developer Intern, Internpy
08/2025 – 11/2025
Online

- Developed responsive and user-friendly web pages using HTML, CSS, and JavaScript.
- Built reusable frontend components and implemented interactive UI features.
- Integrated REST APIs and worked with backend services to support web application functionality.
- Worked with Git and GitHub for version control and collaborative development.

Education

Bachelor of Technology [CSE]
2024 – Present
Nalanda Institute of Technology,Bhubaneswar
Odisha,India

12th
2021 – 2023
Jambeswar Mahavidyalaya Garsanga, Baleshwar
Baleshwar,Odisha

10th
2021
Satyam Shivam Sundaram High School,Jhinkiria
Baleshwar,Odisha

Skills

Technical skills

Programming Languages: Python, C, SQL

Machine Learning: Supervised Learning, Unsupervised Learning, Regression, Classification, Clustering, Feature Engineering, Model Evaluation

Deep Learning: Neural Networks, CNN, RNN, Transfer Learning, TensorFlow, PyTorch

Generative AI & NLP: LLMs, Prompt Engineering, NLP, RAG, Embeddings, Vector Databases

Computer Vision: OpenCV, Image Processing, Face Detection, Image Classification

Data Science: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn

Web & APIs: Flask, FastAPI, REST APIs

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, VS Code, Jupyter Notebook, macOS

MLOps & Deployment: Model Deployment, Docker, ML Pipelines, API-based Deployment

Soft skills

- Analytical Thinking
- Communication
- Team Collaboration
- Adaptability
- Continuous Learning
- Creativity
- Leadership

Languages

Odia
Native

Hindi
Fluent

English
Working proficiency

Certificates

- Artificial Intelligence Certification
- Python Programming Certification [Year]
- Large Language Model Certification
- SQL & Database Management Certification
- Cloud Computing Certification
- Git & GitHub Certification

Projects

Full-Stack Web Application, 07/2026 – Present
HTML • CSS • JavaScript • React.js • Node.js • SQL

- Developed a responsive full-stack web application with interactive frontend and backend functionality.

- Implemented REST APIs, database integration, authentication, and CRUD operations.
- Applied responsive UI and software development best practices.

Real-Time Face Emotion Detection System, 06/2026 – 07/2026
Python • DeepFace • OpenCV • TensorFlow

- Developed a real-time computer vision application to detect and classify facial emotions from live camera input.
- Implemented face detection and emotion classification using deep learning techniques.
- Built an interactive interface for displaying real-time prediction results.

Machine Learning Prediction System, 06/2026 – 07/2026
Python • Pandas • NumPy • Scikit-learn • Matplotlib

- Built an end-to-end machine learning pipeline involving data preprocessing, feature engineering, model training, and evaluation.
- Compared multiple ML algorithms and evaluated performance using appropriate metrics.
- Visualized datasets and model results to support data-driven insights.

Awards

Hackathon Participant, Flipkart 04/04/2026

Technical Competition Participant, Techxera

Academic Achievement, NIT

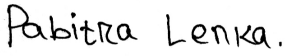
Project Exhibition, IT

Interests

- Photography
- Traveling
- Playing Sports
- Creative Problem Solving
- Learning New Skills

Declaration

I hereby declare that the information provided in this resume is true and correct to the best of my knowledge and belief.



Bhuabaneswar