

# Laxmi Narayan Sahu

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Defence Colony, near Radha Krishna Temple, Berhampur, Ganjam, Odisha - 760007

## OBJECTIVE

Motivated AI/ML Developer with 1 year of full-time experience as an Associate Technology L1, specializing in Generative AI, NLP, and Computer Vision. Adept at building intelligent systems using Python, TensorFlow, OpenCV, and modern AI frameworks. Proven ability to deliver scalable AI solutions, with a strong background in full-stack development and a passion for leveraging AI to solve real-world problems. Seeking to contribute to innovative, high-impact projects in a forward-thinking organization.








## EXPERIENCE

- **Pravaah Consulting**  Jun 2024 - Present  
Associate Technology L1 (AI/ML Developer) Remote
  - Collaborating on diverse, internal, and client-specific projects with a focus on Generative AI, AI Agents, and contributing to solutions that leverage cutting-edge AI models for innovative applications.

## EDUCATION

- **The Neotia University** Sept 2021 - Jun 2025  
B-Tech Computer Science and Engineering Kolkata, India
  - CGPA: 8.53
- **De Paul School** Jul 2021  
Senior Secondary Education Berhampur, India
  - Grade: 83.0%

## PROJECTS

- **Potfolio: [Showcasing my skills, projects, certifications, and professional journey.]** April 2024  
Tools: [HTML, CSS, JavaScript(JS)]  
  - Uses advanced image processing and machine learning algorithms to identify and decode speech from visual input, focusing on the shape and movement of the lips.
  - Provides real-time lip-reading capabilities, with applications in accessibility for the hearing-impaired, silent communication, and security.
- **Lip Reading: [AI system interprets spoken words by analyzing lip movements visually.]** April 2024  
Tools: [Streamlit, OpenCV, Python, Computer Vision]  
  - Uses advanced image processing and machine learning algorithms to identify and decode speech from visual input, focusing on the shape and movement of the lips.
  - Provides real-time lip-reading capabilities, with applications in accessibility for the hearing-impaired, silent communication, and security.
- **Traffic Sign Detection: [Streamlit app classifying traffic signs to support smart vehicle navigation.]** Oct 2023  
Tools: [Python, Streamlit, CNN]  
  - This system uses image classification with Convolutional Neural Networks (CNN) to recognize various traffic signs accurately, helping vehicles respond appropriately based on the detected sign.
  - Provides a user-friendly interface for easy image upload and sign identification, making it practical for real-world applications.
- **Travel Recommendation System: [Django app giving personalized travel suggestions based on user input.]** April 2024  
Tools: [HTML, CSS, NLP, Django] 
  - This system analyzes users' previously visited destinations or their preferences across various categories to suggest ideal travel locations.
  - Integrated Natural Language Processing (NLP) for accurate recommendation analysis, creating a customized travel experience for users.
  - Integrated a hotel recommendation system that suggests suitable accommodations based on user-provided destination, check-in/check-out dates, and budget, enhancing travel planning efficiency and personalization.

SKILLS

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- **Programming Languages:** Python, Java, C
- **Web Technologies:** HTML, CSS, Responsive Design
- **CSS Frameworks:** Bootstrap, Tailwind CSS
- **Android Development:** Flutter
- **Database Systems:** Excel, SQL, NoSQL(MongoDB), Firebase, Supabase
- **Data Science & Machine Learning:** Machine Learning, Deep Learning, Generative AI, Large Language Models’s (LLMs), Retrieval Augmented Generation (RAG), AgenticAI, NLP, Computer Vision, Object Detection (YOLO)
- **Version Control:** Git, Vercel, GCP
- **Other Tools & Technologies:** Langchain, Hugging Face, NLTK, OpenCV, Keras, Tensorflow, Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, FastAPI, Transformers, PhiData, Playwright, Selenium

HONORS AND AWARDS

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- **Certificate of Recognition** 2024  
*Pravaah Consulting*

LEADERSHIP EXPERIENCE

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- **Member of Techniche Club Core Team** Mar 2024 - Jan 2025  
*The Neotia University*
  - For the first time, organized Hackathons and Ideathons at my University.
- **Head of Technical Team of Techniche Club** Mar 2024 - Jan 2025  
*The Neotia University*
  - Led the technical team of 5 members.
  - Organized successfully, Parikalpana 2024.
  - Headed the Technical team in Parikalpana.

CERTIFICATIONS

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- **Hands-on Workshop on R Language and Application of Advanced R in Business Analytics – AILABS**
- **HTML and CSS Certification – Udemy**
- **Python Certification – GUVI**
- **Machine Learning Certification – Coursera**
- **Advanced Learning Algorithm – Coursera**
- **Unsupervised Learning, Recommenders, Reinforcement Learning – Coursera**
- **Introduction to Natural Language Processing – Infosys**
- **Databricks Certifications**

ADDITIONAL INFORMATION

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**Languages:** English (Medium), Hindi (Medium), Odia (Medium)  
**Interests:** Solving Rubik’s Cube, Travelling, Biking, Exploring New Things, Vlogging.