

SAMBHAV SAHOO

Bhubaneswar, Odisha, India



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Sambhav Sahoo



Sambhav221

EDUCATION:

Kalinga Institute of Industrial Technology:

- Bachelor of Technology - Computer Science and Engineering; CGPA: 8.8

Kendriya Vidyalaya Bargarh:

- 12th CBSE Board Exam: 90.40%
- 10th CBSE Board Exam: 94.67%

SKILLS:

- **Data Science/Machine Learning:** NLP, RAG, AI Agents, LangChain, Feature Engineering, Data Analysis
- **Tools & Platforms:** Git, GitHub, VS Code, Remix IDE, Jupyter Notebook
- **Skills/Competencies:** Python, Data manipulation, Deep Learning, NLP, Feature engineering, CSV, JSON, APIs, Jupyter Notebooks / Google Colab, MLflow, Weights & Biases, Tableau or Power BI
- **Soft Skills:** Problem-solving, effective communication, and collaborative teamwork
- **Github Links:** Sambhav221 (Sambhav) https://share.google.com/u/0/?usp=share_linkMFYaZLyLW

INTERNSHIP EXPERIENCE:

- **Zidio:** Worked as a Data Science Engineer at Zidio Development, developing data-driven solutions and models to support business decision-making.
- **Coding Samurai:** Served as a Data Science Engineer at Coding Samurai, building data analytics model and analytical pipelines to extract insights from complex datasets.
- **Indian Space Lab:** Worked at Indian Space Lab on drone manufacturing, contributing to UAV design and development.

PROJECTS :

Deep Detect System (Mar - 2025):

- Developed a deep learning-based fault detection system to automatically identify external anomalies in software systems, reducing human intervention and enhancing system reliability.
- Integrated real-time monitoring and classification mechanisms using Python and ML models, enabling accurate detection of faults from external inputs and improving system uptime.

Healthcare Recommendation System (Jan - 2025):

- Built user-friendly Flask web application featuring symptom dropdowns, confidence score graphs, and disease descriptions to improve accessibility and user experience.
- Combined healthcare knowledge with full-stack capabilities to build a socially impactful AI tool that promotes early diagnosis through accessible technology.
- Developed a machine learning-based healthcare recommendation system using Random Forest to predict diseases from user-input symptoms with over 90% accuracy.

Image Captioning, Segmentation (May - 2025):

- Built an image captioning model using ResNet50 for feature extraction and LSTM for sequence generation on the COCO dataset, leveraging PyTorch for end-to-end training and inference.

ACHIEVEMENTS:

- **Document Management System with Version Control:** Achieved top 2% rank in KIITEE 2023 among 50,000+ applicants and awarded with KIITEE Merit Scholarship for outstanding performance.

PROGRAMMING :

- Solved 200+ competitive programming problems.
- Participated in Codeforces contests, achieving a rating of 1500.

EXTRACURRICULAR :

GeeksForGeeks (Jan 2024 - Present):

- Orchestrated blockchain projects at GeeksforGeeks, fostering a community of 25+ developers to build innovative applications.
- Hosted talks to 500+ attendees and collaborated with top Web3 organizations on blockchain innovation.

KONNEXIONS (NOV 2023 - PRESENT)

- Superheaded 3+ workshops on latest ML technologies engaging 200+ participants.
- Managed recruitment at Konnexions AI/ML, conducting 60+ interviews, onboarding 20+, and growing the team.