DIBYARANJAN JENA

Python Developer

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PROFILE

Python Developer with internship experience in Machine Learning and AI applications. Skilled in building ML models, web apps, and automation workflows. Experienced with Python-based frameworks, deep learning libraries, and cloud fundamentals. Strong problem-solving, teamwork, and communication skills, eager to apply knowledge to real-world software challenges.

TECHNICAL SKILL

- Programming: Python, JavaScript, TypeScript, HTML, CSS
- ML & AI: TensorFlow, PyTorch, Keras, CNN, XGBoost, Hugging Face Transformers
- Data & Tools: Jupyter Notebook, Streamlit, N8N, OCR, Pandas, NumPy
- Web Development: Flask, React, REST APIs
- Version Control & DevOps: Git/GitHub, Docker, CI/CD basics
- Databases: SQL, NoSQL (MongoDB basics)
- Cloud Platforms: Microsoft Azure (Certified Fundamentals), AWS (basic knowledge)
- IDEs & Tools: VS Code, PyCharm, Spyder

EXPERIENCE

Machine Learning Intern – KreativeTimebox Pvt. Ltd.   May 2025-July 2025

- Built and tested machine learning models on real-world business datasets.
- Automated data preprocessing pipelines, improving efficiency by 20%.
- Designed and deployed small-scale ML workflows for predictions and analytics.
- Collaborated effectively in a team environment, strengthening communication and teamwork skills.

AI/ML Intern – Softech Pvt. Ltd. (Cuttack) | Nov 2023-Jan 2024

- Gained hands-on experience in AI & ML fundamentals.
- Developed a Handwritten Text Recognition System for document digitization.

PROJECTS

- ImageMDProbe – Developed a deep learning web app to detect skin diseases. (Python, Flask, TensorFlow/PyTorch)
- Skin Cancer Detection – Built lesion classification models with VGG16 & CNN. (Keras, TensorFlow)
- Interactive Dashboards – Created dashboards for visualizing large datasets. (Python, Streamlit)
- Receipt Data Extraction Workflow – Automated OCR-based receipt parsing. (n8n, Mistral OCR)
- Bank Transaction Matching – Designed ML model for financial reconciliation. (Python, XGBoost)
- AI Chatbot – Developed conversational assistant with Hugging Face. (Python, Transformers)
- Portfolio Website – Built animated portfolio website. (React, TypeScript, SCSS)
- Facial Emotion Detection – Real-time emotion recognition with overlays. (Python, MediaPipe, OpenCV)

EDUCATION

- **B.Tech, Electrical & Computer Engineering (ECE)**   July 2022-July 2026
  Ajay Binay Institute of Technology (BPUT)

- **Higher Secondary Education (CHSE) – Science Stream**   April 2020-April 2022
  Ganesh Institute of Engineering & Technology

- **Secondary Education (BSE) –**   March 2019-March 2020
  Madhukeswar Nodal Bidyapitha

ACHIEVEMENTS AND CERTIFICATIONS

- 2nd Place – National Hackathon (2025)
- Microsoft Azure Cloud Fundamentals – Certified
- 4th Place – Trident Hackathon
- Participated in hackathons: ASBM National (App Stack), IIT Bhubaneswar (Data Science, Ethical Hacking)
- Poster Presentation – ABIT

ATTRIBUTES

Problem Solving **|** Teamwork **|** Time Management **|** Communication **|** Critical Thinking **|** Analytical Thinking

LANGUAGE

English **|** Hindi **|** Odia