SUBHASISH JENA

GitHub LinkedIn Gmail +91-9861044676

EDUCATION

- **MCA**, Seemanta Engineering College, Odisha 2025 – Present
- **BCA**, M.P.C. Autonomous College 2022 – 2025

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java
- **Database:** MySQL, Oracle, PostgreSQL
- **ML/DL/NLP:** Classification & Regression, ANN, CNN, RNN, LSTM, Embedding, RAG
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- **Tools/Frameworks:** TensorFlow (Keras), Transformers, Hugging Face, LangChain, Streamlit, Flask, ChromaDB, FAISS, Git, GitHub, Jupyter Notebook, Anaconda, Spyder, Google Colab.
- **Soft Skills:** Problem-Solving, Self-Learning, Communication & Presentation, Collaboration, Teamwork

WORK EXPERIENCE

Data Science Intern — *The Developers Arena – Remote* Nov 2025 – Present

- Completing a 3-month Data Science internship, developing Python workflows for data cleaning, feature engineering, and exploratory analysis. Applied ML, DL, and NLP techniques.
- Engineered predictive features, benchmarked ML models, and contributed to generative AI projects.
- Collaborated with mentors on cutting-edge ML, DL, and NLP projects to drive data-driven solutions.

Generative AI Intern — *Prodigy InfoTech – Remote* Nov 2025 – Dec 2025

- Developed and fine-tuned generative transformer models using deep learning, focusing on RAG for enhanced information retrieval and content generation.
- Implemented Document Loaders to process large volumes of unstructured data, optimizing model inputs.
- Applied Prompt Engineering strategies to fine-tune language models, improving relevance and accuracy.

RELEVANT PROJECTS

VidGPT *Technologies:* Python, LangChain, Streamlit, RAG, Generative AI

- Built a real-time YouTube AI assistant by integrating Google Gemini with a RAG pipeline to summarize videos and deliver accurate, context-aware answers to user queries.
- Reduced 30–40% time consumption of long videos by delivering concise, relevant content.

Next Word Predictor App *Technologies:* Python, TensorFlow/Keras, LSTM, NLP, Deep Learning

- Developed a web app powered by LSTM to predict next word based on user input, enhancing typing efficiency.
- Utilized advanced NLP models for fast, accurate suggestions, cutting typing time by 25–30%.

TechAI *Technologies:* Python, LangChain, Google Gemini AI, Streamlit, Prompt Engineering

- Designed an AI Tutor for CSE subjects using Prompt Engineering and LangChain to deliver real-time, personalized explanations and code examples.
- Reduced topic understanding time by 30–40%, enhancing student learning and offering instant support.

PROFESSIONAL CERTIFICATIONS

- **Certification Name** – Machine Learning using Python