Soumya Ranjan Padhi

soumyaranjanpadhi@gmail.com

Education

GIET- B.Tech in CSE (Aiml) (CGPA – 7.4) — **Dec 2024 - Jun 2028**

Sri Chaitanaya Techno School- Class XII (Percentage - 67%) — **Apr 2022 - Mar 2024**

Saraswati Shishu Vidya Mandir, Rayagada - Class X (Percentage - 69%) — **Apr 2021 - Mar 2022**

Work Experience

Cognifyz Technologies — Feb 2025 - Mar 2025

Python Development Intern — Remote

- Developed and optimized Python applications, ensuring efficiency, scalability, and maintainability.
- Enhanced debugging and performance optimization strategies to improve software reliability.
- Collaborated with cross-functional teams to design and deliver robust software solutions.

Skills

Languages and tools: Python, R, SQL, Github
Technologies: MS Power BI, Tableau, Advanced MS Excel
Coursework: Data Analytics, Data Science, Machine Learning, DBMS, DSA
Soft Skills: Leadership, Communication, Time Management, Teamwork, Adaptability

Achievements

- **Semi Finalist at robotic event in Nit Rourkela**
- **participation in robotic event at IIT Bhubaneswar**
- **Completed 30 Days of AIML with DS Training Program from IIT Bhubaneswar**

Projects

DeepGuard and SocialGuard – Deepfake Protection in Social Media

- Worked with a 6-member team at SIH 2024 to develop an AI-powered deepfake detection system enabling real-time identification of manipulated videos and enhancing digital security.
- Designed an automated content moderation system that detects manipulation instantly, alerts users and moderators, and integrates seamlessly into social media workflows while ensuring scalability, privacy compliance and adaptability to new deepfake technologies to ensure accuracy.

Sales Insights

- Analyzed and visualized sales data using Power BI to deliver actionable insights. Developed interactive dashboards, applied data transformations with Power Query, and created data models using DAX and published reports for data-driven decision making.

GoPlants – Plants Image Classifier

- Developed a deep learning based plant image classification system using Tensorflow and Keras, trained on a diverse dataset of 30 plant species, incorporating advanced image preprocessing and augmentation to enhance model performance.
- Implemented a user-friendly Tkinter-based GUI for seamless image upload and classification, enabling users to obtain confidence scores for unknown plant varieties and benefiting farmers, researchers and plant enthusiasts.

Certifications

- Data Science and Analytics by HP Life
- Data Science with Python by Simplilearn
- Joy of Computing using Python by NPTEL and IIT Madras