UJJWAL KUMAR

📧 Email | 🔗 linkedin | 📷 Github | 📇 Portfolio | 🏆 Leetcode | 📞 8292434524

EDUCATION

National Institute of Technology Puducherry (NIT-PY) — CGPA: 7.47, 2020 – 2024
B.Tech in Computer Science & Engineering

Jawahar Navodaya Vidyalaya (JNV) — 89.20%(X) & 81.80%(XII), Passout year: 2018 & 2020
Matriculation(X) & Intermediate(XII) (CBSE)

TECHNICAL SKILLS

Programming **:** Proficient in Python , MySQL , Julia(Basic).
Library & Tools: Power BI , AWS(Basic), Pandas & NumPy , Jupyter Notebook.
Frameworks: HTML , CSS , JavaScript(Basic) , Tkinter.

INTERNSHIP

Research Intern — Jun 2023 – July 2023
Visvesvaraya National Institute of Technology Nagpur.
- ➢ Conducted predictive flood mapping using QGIS and machine learning algorithm.
- ➢ Gained hands-on experience in geospatial data analysis,flood mitigation strategy.
- ➢ Tech Stack used: QGIS , ANN Cross Entropy algorithm , Excel.

Frontend Development Intern — March 2023 – May 2023
Grupverse : Chakraborty and Lahkar Innovations Pvt. Ltd.
- ➢ Designed & Worked on the CCMR website of AIIMS Bhubaneswar .
- ➢ Tech Stack used: HTML, CSS , JavaScript.

PROJECT

Ecommerce Sales Analysis
- ➢ Analyzed Ecommerce sales data, adeptly applying filters & visaualized data by Country, Category, States, Market, and Shipmode to derive valuable insights into sales, profit, quantity, and shipping costs.
- ➢ Tech Stack used: Excel , Power BI(Visualization , Filters, KPI, Slicer etcs.).

Papaya Fruit Diseases Detection
- ➢ Developed a machine learning system to detect papaya fruit diseases using binary classification, augmented a dataset to improve training.
- ➢ Evaluated various segmentation techniques and classifiers to identify the best approach, hosting the resulting model on the web via Streamlit for user-friendly interaction.
- ➢ Tech Stack: Python, NumPy, Pandas, scikit-learn, OpenCV, Matplotlib, Seaborn, Pillow, Streamlit, Git.
- ➢ Explore the deployed model interface: **Click Here**

Face Recognition Attendance System
- ➢ Developed a Simple Face Recognition Attendance System using Python, OpenCV and face_recognition, Integrated real-time face recognition capabilities, accurately identifying individuals for attendance tracking.
- ➢ Effectively deployed the application using Streamlit, for user-friendly web interface for easy access and interaction, Enhancing attendance monitoring via webcam input and trained images.
- ➢ Explore the deployed project at: **Click Here**

POSITIONS OF RESPONSIBILITY

Placement Representative | CSE Dept. Batch (2020-2024) — April 2023- May 2024
- ➢ Part of 3 member team responsible for planning & executing placement operation for 200+ students.

JEE Tutor & Content Creator | LEAP Club — March 2022- May 2024
- ➢ Took Classes For JEE Physics & Chemistry. & Content Creator(Organize Study Material, Notes , Mock Test Papers etc. for Tutors as well as Students) for Physics , Chemistry & Mathematics Subjects.

ACHIEVEMENTS

- ➢ Solved 150+ Questions on Leetcode.
- ➢ Dakshana Scholar 2018 (Availed Two Year Full Scholarship [IIT-JEE Coaching + Hostel Facilities] for the Preparation of IIT-JEE).
- ➢ Got 18th Rank in Bihar in National Talent Search Examination (State Level) 2017-18 conducted by NCERT.
- ➢ Pre-Regional Mathematical Olympiad Qualified (Twice) conducted by HBCSE.

CERTIFICATION

- ➢ Data Analytics Workshop   view certificate
- ➢ Machine Learning with Python – Great Learning   view certificate