Jeet Majumdar

Kaliyaganj – India

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Education

Jadavpur University	**Kolkata**
Bachelor's Degree – SGPA: 7.04, Chemical Engineering	*2022 – Present*
Debinagar K.C.R. Vidyapith	**Raiganj**
Higher Secondary – 88.88%	*2019 – 2021*
Kunoir K.C. High School	**Kunor**
Secondary (Class X) – 92.57%	*2019*

Professional Experience

Intern – Machine Learning & Data Analysis (Training) — Remote
IBM x Edunet Foundation — *Jun 2025 – Jul 2025*

- Built a machine learning model for salary prediction with advanced pre-processing, feature engineering, and evaluation using Python (Pandas, Scikit-learn).
- Engineered a classification-based ML model to forecast salaries from multi-feature datasets.
- Developed an interactive Streamlit web app that allows real-time predictions from user inputs.

Projects

1. **Chicken-Disease-Classification (Python, TensorFlow, Docker)**:
   - Developed a CNN-based classifier to detect and differentiate chicken diseases. Leveraged transfer learning with CNN architectures to model classes such as Healthy, Coccidiosis disease.
   - Evaluated model performance on held-out test data, achieved competitive accuracy, integrated CI/CD + MLOps pipeline using GitHub Actions with Docker, DVC.

2. **Music School Application (Next.js, Aceternity UI)**:
   - Developed a responsive frontend music education platform using Next.js and Aceternity UI, featuring interactive instrument courses and adaptive learning experiences.

3. **Restaurant Review API (Node.js, Express.js, RedisDB)**:
   - Built a scalable REST API for restaurant reviews with caching using Redis to improve performance.
   - Implemented CRUD operations, and rating aggregation for real-time insights.

Skills

Languages: Python, JavaScript/TypeScript, C/C++, SQL
Frameworks: TensorFlow, Scikit-Learn, Node.js, Express.js, React.js
Tools/DBs: Excel, Git, GitHub, Docker, MongoDB, RedisDB, appwrite, IBM-Cloud

Certifications

Generative AI Leader Certification: Google Cloud Platform
Machine Learning Specialization - Andrew NG: Coursera

Achievements

Hult Prize – 2022 Participant: Presented an innovative solution addressing sustainability challenges.

E-Weekend – 2023 Participant: Engaged in Data Binge and Technokraft events organized by JU E-Cell, showcasing analytical and problem-solving skills.