Arindam Dutta

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○ github.com/aridutta2004 🔗 arindamdutta2004.github.io/Portfolio/portfolio-main/index.html

🎓 EDUCATION

University Of Engineering & Management CGPA - 7.76		08/2022 – present
B.tech CSE(AIML)		Jaipur, India
Joypur High School (HS) Score - 90.2%		07/2021 – 03/2022
12th Standard		Joypur, India
Joypur High School (HS) Score - 83%		06/2019 – 03/2020
10th Standard		Joypur, India

🧠 SKILLS

Coding Language
- Java, JavaScript, Python, ReactJS, HTML, Tailwind CSS

Coding Platform
- Git, GitHub, VS Code, Linux Terminal

Database
- MongoDB, SQL

Cloud Platform
- AWS (EC2, S3)

UI/UX Design
- Figma, Canva

💼 PROFESSIONAL EXPERIENCE

HONNOIX INDIA 🔗   11/2024
Trainee   Gurgaon, India
- Finished 16-week semester-long course on 6G technology, including intelligent surfaces and THz communications.
- Analyzed 3+ potential real world applications of next-gen wireless systems in IoT and smart infrastructure.

AWS AI-ML Virtual Internship 🔗   03/2025
EduSkills & AWS Academy   Jaipur, Rajasthan
- Engaged in a virtual internship with AWS Academy focused on AI/ML that included hands on labs and project based learning.
- Completed 5+ cloud based AI/ML exercises using AWS tools.
- Deepened knowledge of model training, deployment, and evaluation in real world cloud environments.

📂 PROJECTS

Kissan Helper 🔗   03/2025 – present
- **React.js , Tailwind CSS**
- Created a digital platform that is connect all of the agricultural needs for Indian farmers.
- Added capabilities that included soil testing reports, crop selection recommendations,Provided treatment suggestions and live updates on news.
- Implemented a leaf disease detection feature with 85%+ accuracy through the use of image classification models.

Leaf Disease Detection 🔗   02/2025 – present
- **Python, TensorFlow / Keras, Matplotlib, Seaborn (for visualization), Pandas**
- Created a CNN model with 92% training accuracy for classifying plant diseases across 15+ categories.
- Augmented with an additional 3,000+ images to ensure robust learning and avoidance of overfitting.
- The model evaluation achieved 90%+ validation accuracy which ensured that the model is generalizing to new samples.e model.

Fake Product Identyfication 🔗   07/2023 – 04/2024
- **Frontend: HTML, CSS, JavaScript, Blockchain: Aptos**
- Developed a forged detection system that scanned and made verification of products with Aptos blockchain ledger.
- Facilitated real time product scanning and verification for over 200+ sample entries.
- Enhanced brand protection and consumer trust through the transparent ability to demonstrate validation on the blockchain.

🏅 AWARDS

Ace Hack3.0
Hackathon Participant
10/2024
Hold the 11th position out off 300+ participants team. It conduct by ACM society and University of Engineering and Management, Jaipur.

Ace Hack 4.0
Hackathon Participant
03/2025
Grasp the 16th position over all 500+ participants team. It was arranged by ACM society and University of Engineering and Management, Jaipur.

📚 COURSES

Python for Data Science 🔗
NPTEL
- Percentage: 61%

Problem Solving Through Programming in C 🔗
NPTEL
- Percentage: 65%