

# Arindam Dutta

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## Summary

Computer Science Engineering student with drive and tech skills. Have in software creation, machine learning, and blockchain tech. Know coding languages. Has built weather forecasting models, GUI apps, and blockchain system. Solves problems well. Keeps learning to grow as a professional.

## Education

- **Bachelor of Technology in Computer Science Engineering** July 2022 - Present
  - University of Engineering and Management, GPA: 7.9 Jaipur, India
- **Higher Secondary Education** 2022
  - Joypur High School (H.S.) Joypur, West Bengal, India
  - Percentage: 90.2%
- **Secondary Education** 2020
  - Joypur High School (H.S.) Joypur, West Bengal, India
  - Percentage: 83%

## Technical Skills

**Programming Languages:** Python, C, Solidity (beginner), JavaScript, HTML, CSS

**Frameworks & Libraries:** React (beginner), Scikit-Learn, Numpy, Pandas, Matplotlib

**Tools & IDEs:** Visual Studio Code (VS Code).

**Technologies:** Machine Learning, Blockchain, Web Development

**Soft Skills:** Communication, Problem-Solving, Team Collaboration

## Professional Experience

- **Weather Prediction Model using Machine Learning**
  - I built a model to predict weather using Python and Scikit-Learn. This model analyses weather data to forecast conditions.
  - I used Numpy and Pandas to preprocess data and Matplotlib to visualize it.
  - I used Visual Studio Code (VS Code).
  - I improved the model's accuracy by tweaking its parameters and testing it.
- **GUI Calculator using Tkinter**
  - Built a simple GUI calculator with Python's Tkinter library.
  - Used object-oriented programming to make the code easy to update and expand.
  - I used Visual Studio Code (VS Code).
  - Ran thorough tests to check if the calculator worked right and could be trusted.
- **Fake Product Identification using Blockchain**  
(Initialize with Team)
  - Researched blockchain tech to build a system that spots and stops fake product circulation.
  - Wrote smart contracts in Solidity making sure they were open and secure.
  - Connected the blockchain fix to a website so people could check if products were real.

## Internship

- **Android Developer Intern** Remote  
Google Developer (AICTE-Edu skills) July 2024 – September 2024
  - I finished the Google Developer Virtual Training Program, which focused on Android development.
  - I used tools like Android Studio Kotlin, and SQL to build and improve mobile apps.
  - I created and added UI components to make responsive and easy-to-use interfaces.
  - I got practical experience in managing Android app lifecycles, handling databases, and making apps run faster.

## Certifications

- Problem Solving Through Programming in C (NPTEL) - 65%
- The Joy of Computing using Python (NPTEL) - 55%
- Python for Data Science (NPTEL) - 61%
- Machine Learning with Python (IBM - Coursera)
- Crash Course on Python (Google - Coursera)
- Introduction to Artificial Intelligence (AI) (IBM - Coursera)
- Generative AI with Large Language Models (AWS & Deep Learning - Coursera)

## **Hackathons & Competitions**

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Joined coding contests and hackathons, doing well in algorithm challenges time after time.

## **References**

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Available upon request.