



Suvankar Pramanik

Data Science

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About Me

2nd-year B.Tech CSE student with a focus on Data Science, AI, ML, and IoT. Winner of Smart India Hackathon 2024, KPIT Sparkle 2025 Finalist, and Samsung Solve for Tomorrow Top 50.

Developed AgriDrive, a plant stage and disease detection system using Raspberry Pi and drone data. Currently pursuing CodeWithHarry's Data Science course and participating in AIU ANVESHAN and Build with India Hackathon.

Skills

- Data Science
- Programming (C, C++, Python, Java)
- Database Management (MySQL, MongoDB)
- Problem-Solving & DSA (5-star in C)
- AI & ML
- Leadership & Team Collaboration

Education

- Bachelor of Technology (B.Tech) in Computer Science & Engineering**
Adamas University, India (2023-2027)
Current CGPA: 8.6
- Higher Secondary (12th)**
Gokulnagar Trilochan Vidyapith (2021-2023)
Scored 74%, with a strong foundation in Mathematics, Physics, and Chemistry.

Project

- Anti-Sleep System** 02/02/2024-06/05/2024
Role: Team Leader
 - Developed a fatigue detection system using sensors for head movement and eye closure detection.
 - Implemented an alert mechanism to reduce driver fatigue and improve road safety.
 - Tech Stack: Python, OpenCV, Raspberry Pi.
- AgriDrive** 06/05/2024-15/11/2024
Role: Team Leader
 - Led the creation of a solar-powered, six-wheeled agricultural vehicle for crop monitoring, disease detection, and automated pesticide distribution.
 - Integrated drone technology for aerial crop analysis and remote sensing.
 - Used TensorFlow, CNN, and ESP32 for plant analysis and control.
 - Tech Stack: TensorFlow, ESP32, Raspberry Pi, MongoDB, Python, Drone Technology.
- ETronics** 15/11/2024-Presentt
Role: Full-stack Developer & ML Lead
 - Built a web app for plant identification using Raspberry Pi 4 for image capture and MongoDB for storage.
 - Integrated machine learning for classification and handled sensor setup.
 - Tech Stack: MongoDB, Python, JavaScript, Raspberry Pi.
- Development Projects**
Role: Developer
 - Built AI-driven web apps, including a Netflix clone, movie recommender, and food delivery system using Express.js, MongoDB, and ML.
 - Developed FoodCount, a real-time food booking platform.
 - Created AgriDrive, an AI-powered crop monitoring system with Raspberry Pi, drones, and deep learning.
 - Tech: HTML, CSS, JavaScript, Express.js, MongoDB, Node.js, TensorFlow, Raspberry Pi, Intel RealSense, Drones.

References

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