AVADHUT CHAKRADEO

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SUMMARY

AI & ML undergraduate with a growing research focus, experienced in Python programming and datasets, and have published a dataset on Kaggle. Currently working as an intern at COEP Technological University on automated bilingual question-generation systems. Co-founded Dream Udaan Foundation, leading initiatives supporting autistic individuals. Published my first research paper at IEEE ICONAT 2025 on a dietary recommendation system. Actively interested in research and internships to strengthen my expertise and project portfolio

PROFESSIONAL SKILLS

- Research & analysis • Problem solving

TECHNICAL SKILLS

- Python , Java , C
- GitHub, LaTeX, Kaggle , Matlab

PROFESSIONAL EXPERIENCE

Working as Programming Intern at COEP , Pune   **September 2025 - Present**

- Coordinated the launch of a peer review mathematics module, resulting in a collaborative environment that increased student participation and facilitated effective knowledge-sharing among 2500+ students on the educational platform currently.

Working at Dream Udaan Foundation   **July 2024 - Present**

- Led awareness campaigns in schools and local communities to educate and normalize conversations around autism. Oversaw the NGO's Instagram account (@dreamudaanfoundation) and strengthening the organization's digital presence.

EDUCATION

- B.Tech in Artificial Intelligence & Machine Learning (Pursuing)   **August 2023 - Present**
  Rajarambapu Institute of Technology (RIT), Rajaramnagar

PROJECTS

- DietGenie-AI – Personalized dietary recommendation system using OCR + DL nutrition analysis. Accepted @ IEEE ICONAT 2025.
- Walmart Repo System – Inventory and logistics management system prototype.
- Register Recognition Tool – OpenCV color-band detection for resistor value recognition and classification.
- Medicine Reminder System for Elderly – Smart system that tracks schedules and alerts older adults to take medicines on time.
- SIEM system : created a system which take English prompt and create KQL query and return activity log as needed , focused on security purpose and help cyber security person make his work easy at

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