Maitree Murti Dongre

Santnagar, Moshi, Pune •9325309109 • maitreedongre@gmail.com

SKILLS

- Mathematics & Statistics. Data Handling, Data Visualization, Communication Skills, Marketing Campaigns, Social Media Metrics / Analytics, Team Collaboration
- Google ads certification, Microsoft Excel, Access, PowerPoint, Visual Basic; Windows OS, OS X; SQL, basic Power BI

EXPERIENCE

June 2025- August 2025**, High Energy Materials Research & Laboratory (DRDO), Pune Division.**
AI Intern – R&D (3 Months) – SRP division.

- Worked upon the prediction model on Inverse Model to Predict Chemical Compositions using the BRR.
- Performed data interpretation, sorting, cleaning, and mining to create structured datasets from raw inputs, designed and trained Artificial Neural Network (ANN) models for classification and prediction tasks.
- Gained hands-on experience in data-driven decision-making using machine learning techniques, problem solving ability.
- Worked upon LASER COIL System (Defence Project).

June 2024- August 2024 **YBI Foundation**
Intern

- Worked upon the prediction model of Bank Customer Churn.
- Completed hands-on training in advanced Python concepts including file handling, OOP, data structures, and libraries like NumPy and Pandas, matplotlib, seaborn and many more.

EDUCATION

2022-2026 **PIMPRI CHINCHWAD COLLEGE OF ENGINEERING**   Pune, India
Bachelor of Technology – Electronics and Telecommunication – 66.78%
Projects–

- **AI Integrated Smart Home Voice Assistant –**
  1. A smart home concept in which AI is integrated by using API keys.
  2. Designed to provide various features similar to Alexa in the domain of home automation.
  3. Used cloud services like google firebase, deepgram, etc during the speech to text conversion.
  4. It demonstrates experience in programming, API testing, Use of Cloud services.
- **Direction, gesture, and speech enabled multi-controlled wheelchair**
  1. Developed a prototype wheelchair controllable via both voice and hand gestures using proximity sensors and mobile-integrated speech commands.
  2. Integrated direction assistance using google API and safety protocols for smart navigation.
  3. Tools used: Python, Arduino, ESP32, basic ML logic for command recognition.

OTHER

- GATE Qualified (Electronics and Telecommunication)
- Head Member of International Relations Cell (PCCoE)- Marketing and Video editing team
- Head of social media and photography & Videography – CodeChef, PCCoE, Pune
- Core member of Photography Club– PCCoE