

# Naad Dantale

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## 👤 PROFILE

Result-driven undergraduate student with over 8 months of practical experience, aiming to excel in Intern Roles (June '24) centered on Backend Development in Python. Dedicated to making meaningful contributions to companies specializing in data science, product development, and web development. Proficient in utilizing relevant tools and technologies to deliver impactful solutions.

## 📁 PROFESSIONAL EXPERIENCE

### Constituents Ai and Technology, Backend Developer

May 2023 – Mar 2024

- Created RFID-based logistics system for ships.
- Delivered AI-powered meal planning & email marketing solutions.
- Developed Chatbot based Inventory User Management solutions improving onsite efficiency.
- Proficient in hardware-software integration & AI technology.

### Smollan India Pvt. Ltd.

ML Intern

Dec 2023 – Mar 2024

- Collaborated with Google on LLM-based data analytics solution.
- Introduced innovative RAG solution for enterprise data retrieval.

Data Science Intern

Aug 2023

- Developed data analytics dashboard in collaboration with Google.
- Cleaned, Preprocessed and conducted Exploratory Data Analysis on sales and marketing data.

## 🧠 SKILLS

**Programming Languages** — Python, JavaScript, Java, C, C++, HTML, CSS, **Backend Development** — Python frameworks including FastAPI, Django, Flask, **Database Management** — PostgreSQL, MySQL, MongoDB, Vector Databases, **DevOps** — Docker, Server Management, GitHub Actions, CI/CD Pipelines, **Machine Learning** — Regression, Classification, Clustering Algorithms, Deep Learning, NLP, Computer Vision using Tensorflow, Pytorch, and OpenCV, **Data Science** — Data Cleaning, Preprocessing, EDA, Visualization using Pandas, Numpy, Matplotlib, Seaborn, etc, **Robotics and IoT** — ROS2, Gazebo, Arduino, Raspberry Pi, NodeMCU, STM32, Basic CAD

## 🎓 EDUCATION

### Manipal University Jaipur, BTech, Computer Science

Aug 2022 – present | Jaipur, India

- CGPA - 7.5

### Indian Institute of Technology, Madras,

BS, Data Science and Programming

Aug 2023 – present

- Online Degree

## 🏆 AWARDS

### Winner, Vengeance ML Hackathon,

IEEE Student Branch, MUJ

23 Feb 2024

- Trained a custom mini GPT with JavaScript frameworks documentation data.

### Runners Up, Datathon, ACM Student Chapter, MUJ

02 Mar 2023

### Runners Up, Line Following Robot Competition,

IEEE Robotics and Automation Society, MUJ

Mar 2023

### 3rd Place, Innovision Ideathon,

IEEE Robotics and Automation Society, MUJ

Sep 2023

### Participant, Redbrick Hacks, Ashoka University

12 Aug 2023

### Participant, Manoeuvre,

Indian Institute of Technology, Kanpur

17 Mar 2024

## 📁 PROJECTS

**Autonomous Quadcopter Drone,** Built an autonomous high-power multi-copter which uses geo-positioning system to track and move around autonomously and identify objects around it.

### Mini GPT,

A mini GPT trained on JavaScript Frameworks Data.

**Chat with Data,** An application that uses vector databases and implements RAG to structured and unstructured enterprise data to make it queryable.

**IEEE Bot,** A Discord Bot in Python for managing and performing cool tasks in the community server of IEEE Computer Society MUJ.

**Digit Recognizer,** An 18 layer CNN trained to recognize Handwritten Digits with 98.9% accuracy with the help of the MNIST database.

**Rainfall Prediction,** Rainfall Prediction in India using Random Decision Forest using 1901-2015 Indian Rainfall Data.

**Distributed Remote Data Tracker,** Monitors and logs system activities of all targets remotely using a discreet program. Made for educational purposes, not for illegal activities.

## 🏠 ORGANIZATIONS

### HackX, Manipal University Jaipur, Executive Committee

Apr 2024 – present

### IEEE Computer Society MUJ, Junior Committee

Nov 2022 – Apr 2023 | Jaipur, India

### IEEE Computer Society MUJ, Technical Head

Apr 2023 – Apr 2024 | Jaipur, India

- Current GPA - 7