

# Dhruv Gupta

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## CAREER OBJECTIVE

AI/ML enthusiast pursuing B.Tech in Computer Science & Engineering (AI/ML) with hands-on training at TIPS-G, Alwar. Skilled in data preprocessing, predictive modeling, and exploratory data analysis (EDA). Strong interest in deep learning, natural language processing (NLP), and computer vision (CV). Excellent problem-solving, teamwork, and research abilities, with a passion for developing real-world AI solutions.

## WORK EXPERIENCE

Data Science Training  
We Rns It Solution, Alwar August 2024 – Present

- Performed data analysis, preprocessing, and modeling to derive business insights
- Utilized Python libraries for data manipulation and visualization

## EDUCATION

B.Tech, Computer Science & Engineering (AI/ML)  
University of Technology, Jaipur  
2024 – 2028 (Expected)

Senior Secondary (XII), Science – CBSE  
National Academy, Alwar  
2024

Secondary (X), CBSE  
Step By Step Public School, Alwar  
2022

## TRAININGS / CERTIFICATIONS

AI/ML Training (Student Program)  
TIPS-G, Alwar  
August 2025 – Present

- Gained hands-on experience building and deploying machine learning models
- Applied AI techniques: neural networks, NLP, and computer vision
- Collaborated with domain experts to develop practical, real-world solutions

Data Science Training  
We RNS It Solutions, Alwar  
August 2024 – Present

## PROJECTS

Backlog Predictor AI  
January 2026 – February 2026

- Developed an AI-based model to predict academic backlogs using machine learning techniques

Instagram/LinkedIn Page Management  
February 2025 – February 2026

- Managed personal, college, or event pages on social platforms
- Created engaging posts, reels, banners, and brand-style graphics/video content

HPCL Lead Intelligence Agent  
February 2026

- Built AI-powered automation backend featuring real-time notifications
- Included intelligent decision engine and IoT integration for smart control systems

ATM Fraud Detection System (FastAPI)  
October 2025 – November 2025

- Created ML-powered FastAPI application to detect fraudulent ATM transactions in real-time
- Analyzed features such as amount, time, card usage frequency to prevent unauthorized activities

Real-Time Hand Gesture Recognition System  
May 2025 – November 2025

- Designed Arduino-based distance measurement system with ultrasonic sensor and buzzer alert •  
Enhanced safety awareness; improved coding, circuit design, and sensor integration skills

#### Smart Dustbin

September 2025 – December 2025

- Built automated dustbin with ultrasonic sensor and lid mechanism for efficient waste management

#### Spam Detector API

October 2025 – November 2025

- Developed FastAPI service using TF-IDF and scikit-learn to classify emails as spam/ham •  
Delivered real-time predictions via REST API

#### Hand Gesture-Controlled Bulb using AI/ML & ESP32

August 2025

- Created smart system with real-time hand gesture recognition (MediaPipe + MobileNetV2)
- Integrated ESP32 and relay module for hardware control with high accuracy

## SKILLS

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### Programming & Tools

- Python, JavaScript, HTML5, CSS, Bootstrap
- Git, GitHub, VS Code, Jupyter Notebook, Google Colab
- MySQL, SQL, APIs, FastAPI

### AI/ML & Data Science

- Machine Learning, Neural Networks, NLP, Computer Vision
- TensorFlow, PyTorch, scikit-learn, Pandas, NumPy
- Data Visualization, Power BI, MLOps, Prompt Engineering

### Creative & Design

- Graphic Design (Canva, Adobe Photoshop, After Effects)
- Video Editing (Adobe Premiere Pro), Videography, Photography
- Digital Marketing, Social Media Marketing, Creative Writing

### Languages & Soft Skills

- English Proficiency (Spoken & Written)
- Problem-Solving, Teamwork, Research

## EXTRA CURRICULAR ACTIVITIES

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Experienced in video editing, content creation, and reels production with a creative storytelling approach. Skilled in using editing tools to craft engaging short-form content for social media. Actively explore photography, creative visuals, and trend-based content – demonstrating innovation, adaptability, and strong aesthetic sense.

Powered by passion for AI & creativity.