

# ANKIT BARI

AI Engineer

Portfolio | GitHub | LinkedIn | LeetCode | Kaggle | Unstop | vbari8527@gmail.com

Department of Artificial Intelligence & Data Science, VCET, Mumbai University

## EDUCATION

**B.Tech, AI and Data Science** *VCET Mumbai*  
2023– Present **CGPA: 9.17 / 10.0**

**Diploma, Computer Engg.** *TCOE Mumbai*  
2021– 2023 **Percentage: 85.3%**

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Javascript, SQL

**AI:** PyTorch, TensorFlow, Scikit-learn, HuggingFace, OpenCV, NLP, LLMs, AI Agents, Model Fine-tuning

**Backend:** Django, FastAPI, Express.js, Blockchain

**Databases:** PostgreSQL, MySQL, MongoDB

**Cloud Platforms:** AWS, Azure, DigitalOcean, IPFS

**Developer Tools:** Bash/Shell, Git, GitHub, Docker, Postman, Jupyter Notebook, Google Colab

**Soft Skills:** Leadership, Collaboration, Mentoring

## WORK EXPERIENCE

**The SMM Hub** *Mumbai, India*  
*Jun 2025 – Nov 2025* **AI Researcher Intern**

- Developed **chatbot** for lead tracking, achieving **95% accurate** user data capture.
- Implemented **fin-tech authentication backend**, achieving **150–200 ms request latency**.
- Delivered a platform that **boosted image and video generation by 40%**, adopted across all teams in the company.
- Built **Blog Generation Agent for SEO team**, and eliminating manual writing efforts by **78%**.

**Godrej Infotech** *Mumbai, India*  
*Oct 2024 – Jan 2025* **Data Analytics Intern**

- Designed **automated Power BI dashboards** for the marketing team, reducing manual reporting time by **30%**.
- Enabled **stakeholders to make decisions** with real-time data insights and analytics.

**Coincent AI** *Mumbai, India*  
*Jul 2024 – Oct 2024* **AI Intern**

- Applied **CNN-based models for CIFAR-10 classification task**, achieving **11% increase in F1-score** through hyperparameter fine-tuning.

**Acmegrade** *Mumbai, India*  
*Dec 2023 – Feb 2024* **Data Science Intern**

- Performed **EDA on 10,000+ data points**, identifying **key bottleneck patterns** that improved model accuracy by **15%**.

## PROJECTS

**YAR Coin** **Live | Code**  
*(React.js, Express.js, MongoDB, Python, Hardhat, Metamask)*

- Deployed **full-stack decentralized reputation and reward ecosystem** with **8 core modules**, including live auctions and contribution tracking.
- Architected the **backend infrastructure** with secure WebSocket communication, reducing manual record management workload by **89%**.

**Comm AI** **Live | Code**  
*(React.js, Django, SQLite, Python, NLP, Scikit-learn, PyTorch, Gemini API, Elevenlabs STT API)*

- Create **AI-powered communication analysis tool** supports **text and speech**, delivering **7 core feedback and recommendations**.
- Engineered **Django pipeline** integrating **LLM, ML, and neural network models** to automatically assess communication levels and generate actionable insights with **90% accuracy**.

**ID Year Detection Using CV** **Live | Code**  
*(Next.js, Typescript, Django, Python, cv2)*

- Trained **computer vision-based classification model** to detect students academic year in real time with integrated audio feedback.
- Optimized the system for **lab assistants** to quickly identify students during lab sessions, reducing identification confusion by **85%**.

**Technical Support SLM** **Live | Code**  
*(Llama 3.2, Unsloth, LoRA, Transformers, Hugging Face, TRL)*

- Fine-tuned a **technical support chatbot** with **Llama 3.2 (3B)**, enabling efficient training.
- Implemented end-to-end pipeline, **instruction tuning, model optimization, deployment**, achieving **good CPU inference**.

## ACHIEVEMENTS

- **2nd Place:** VNPS'25, National-Level Project Showcase at VCET Mumbai.
- Launched **aynlp** on **PyPI**, that achieved **3,500+ downloads** and solve NLP tasks for developers.
- **Kaggle: 2+ Years of Experience** as Kagglers and Winner of **11 Badges**
- **Unstop:** Secured Global Rank among **200,000+ participants** and Winner of **11 Badges**
- **DSA:** Total 300+ problems solved
- **College Rank 1** in Department of AI&DS.