KRISHNA KANT

AI/ML ENTHUSIAST | PYTHON (INTERMEDIATE) | ASPIRING AI ENGINEER

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SUMMARY

Aspiring AI Engineer passionate about building production-grade AI solutions. Hands-on with Python, ML, and Generative AI, with experience in real-world projects like NutriMama (maternal nutrition predictor) and Drishti (AI smart glasses). Actively exploring RAG pipelines, LLMs, and AI agents to align with cutting-edge AI trends. Known for a startupready mindset, hackathon wins, and fast learning

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EDUCATION

Harcourt Butler Technical University (HBTU)   **Aug 2024- May 2026**
                                                             Master of Computer Applications (MCA)

Coursework includes:
- *Machine Learning, Data Structures, Database Systems, AI &*
- *Generative AI tools. Currently developing projects in AI-driven healthcare and assistive*
- *technologies.*

Babasaheb Bhimrao Ambedkar Bihar University,   **Aug 2018- May 2021**
                                                             Bachelor of Computer Applications (BCA)

Coursework includes:
- *Focused on core computer science concepts including programming, databases, and software development.*
- *Built early-stage projects that sparked interest in AI and data science.*

PROJECTS

NUTRIMAMA   https://github.com/codehunter17   **Jan 2025 – Present**
AI-based system to predict maternal & child nutrition risks

- Built ML models to predict nutrition risk from health & lifestyle data.
- Deployed using Flask API with frontend integration.
- Designed for rural healthcare applications with real-world impact.

Drishti AI
AI-powered assistive eyewear for accessibility.   **March 2023 –present**
https://github.com/codehunter17

- Implemented YOLO for real-time object detection & OCR for text reading.
- Added offline navigation using OSM/OSRM.
- Integrated voice commands + text-to-speech for user interaction.
- 🏆 Won 1st Place at Pitch to Rich (NIT Trichy).

SKILLS

- **Programming:** Python (Intermediate), JavaScript (Basic), HTML
- **AI/ML**: Machine Learning (Beginner–Intermediate), Deep Learning (Beginner)
- **Libraries/Frameworks**: NumPy, Pandas, scikit-learn (working knowledge)
- **Databases:** MySQL (basic)
- **Tools:** Git, VS Code, Photoshop

INTERESTS

- Artificial Intelligence, Machine Learning, Startup Innovation, Competitive Programming, Generative AI (Learning)

AWARDS

Pitch to Rich – Innovation Challenge   **MARCH 2023**

NIT Trichy
March 2023

https://www.linkedin.com/posts/krishna-kant-62b751230_version25-nittrichy-pitch2rich-activity-
7311831858520981504-GfVy?
utm_source=share&utm_medium=member_android&rcm=ACoAADnGc0MBc4sJh92ZBoGEOwYQi
5fMPJBSrlQ

- Won 1st Place for presenting Drishti AI, an assistive smart-glasses solution for the visually impaired.
- Demonstrated real-time object detection, OCR, and voice guidance features. Recognized for social impact,
- innovation, and technical feasibility.