

Chandan

(+91) 8700737019 | aryachandan1947@gmail.com | LinkedIn | GitHub

Summary

Aspiring Machine Learning Engineer with experience in building real-world AI/ML applications. Skilled in deep learning, computer vision, and natural language processing using Python, TensorFlow, scikit-learn, and modern LLM tools. Passionate about using data to solve impactful problems through model development and experimentation.

Education

Degree/Exam	Year	Institution	Score
B.Tech CSE-IOT	2021–2025	Netaji Subhas University of Technology	6.88 CGPA
CBSE (Class XII)	2021	Rajkiya Pratibha Vikas Vidyalaya	89.2%
CBSE (Class X)	2019	Rajkiya Pratibha Vikas Vidyalaya	85.5%

Experience

Research & Development Intern

June–August 2024

- Contributed to the development of an IoT-based automation system.
- Designed and implemented web user interfaces and Python Tkinter applications.
- Programmed STM-based controller firmware in C.
- Documented processes and collaborated with cross-functional teams.

Projects

Credit Card Recommendation System

[GitHub] [Demo]

- AI-powered web app recommending credit cards using hybrid embeddings (text + numeric features) and LLMs for personalized explanations. Built with Python, Streamlit, Hugging Face; deployed on Streamlit Cloud.
- Engineered data pipeline: extracted, cleaned, and normalized financial data; implemented vector similarity for recommendations. Integrated user preference input, reward simulations, and secure API token management.

SentinelSecure

[GitHub]

- Real-time object detection and alerting system for CCTV using YOLOv8 and Python.
- Automated threat detection and notification for enhanced security monitoring.

Skills

Programming: Python, SQL, JavaScript, C | **Frameworks:** React.js, Next.js | **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Tableau | **Tools:** OpenCV, Excel, Power BI, Git, Jupyter Notebook, MySQL, PostgreSQL

Leadership & Activities

TATSAM, The Hindi Society of NSUT (2022–present): PR Head (2023–24), led PR, content, and event promotion.

National Service Scheme (NSS), NSUT (Volunteer, 2022–24): Organized and participated in community service initiatives.

National Cadet Corps, 5 Delhi Battalion (CHM) (2019–20): Company Havildar Major; developed leadership and teamwork skills.

Achievements

- Top 15 out of 1500+ teams, HackWithIndia Hackathon.
- Gold Medal, State-level Science and Mathematics Exhibition (2016–2019).
- Represented school at Northern India Science Exhibition with project “TEG & TEC”.
- Best Cadet Award, NCC 5 D BN (2019).