

HARSIMRAN SINGH

SOFTWARE ENGINEERING INTERN | MACHINE LEARNING AND AI SPECIALIST

Janakpuri D-Block, New Delhi | 78143-51011 | harsimransingh27448@gmail.com



EDUCATION

2022 - 2025 | **Guru Gobind Singh Indraprastha University**

Bachelor of Computer Application - Artificial Intelligence

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, JavaScript, Java, C
- **Frameworks & Tools:** Django, Angular, Numpy, Pandas, OpenCV, Sklearn, NLTK, AWS, Tensorflow
- **Databases:** PostgreSQL
- **Core Competencies:** Data Structures, Algorithms, Machine Learning, Neural Networks, Natural Language Processing, Computer Vision, Web Development (HTML, CSS, JS, Bootstrap), Software Design

PROFESSIONAL EXPERIENCE

Google Developer Student Club (GDSC) AI/ML Lead

December 2023 - Present

- Spearheaded workshops on cutting-edge AI/ML concepts and tools.
- Drove collaborative AI initiatives, enhancing GDSC's mission with innovative solutions.

TechMinds Hackathon Team Leader

March 2023

- Engineered a Career Guidance Roadmap utilizing NLP (NLTK), Django, and Gemini API.
- Delivered personalized student resources through strategic AI implementation.

PROJECTS

E-commerce Recommendation System

June, 2024

- Created a content-based filtering recommendation system leveraging machine learning.
- Deployed scalable solutions using Django for a live e-commerce platform.

AI Chatbots for Startups

- Designed AI-powered chatbots for high-profile Indian startups, including CarDekho.com and Nykaa.
- Integrated systems to handle complex order queries and provide intelligent product suggestions.

AI Personalized Chatbot | Byte Brains AI

Feb, 2024

- Integrated Gemini Model 1.5 Pro with Python (Django) for robust chatbot solutions.
- Engineered chatbots to handle user inquiries, product recommendations, and issue resolution.
- Implemented machine learning for adaptive response improvement based on user interactions.

Food Unity Hub | Google Solution Challenge 2024 | Team Lead

January - february

- Developed an innovative online food donation platform connecting restaurants with NGOs.
- Architected front-end solutions using Angular and back-end systems using Django.

Byte Brains Ai | Website

www.bytebrainsai.online

- Integrate Ai Personalized Chatbot with Gemini Pro 1.0 Model
- Ai Chatbot Services Website Backend with django (CURD Operations), Newsletter, Blog , Contact.

Courses & Certificates

- Linear Regression with NumPy and Python - [Certificate](#)
- Google Solution Challenge Project Submission 2024 - [Certificate](#)
- Introduction to Artificial Intelligence by IBM - [Certificate](#)
- Supervised Machine Learning: Regression and Classification - [Certificate](#)