

Harshad Agrawal

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WORK EXPERIENCE

Campus Ambassador — Cognizance 2025, IIT Roorkee (Dec 2024 – Mar 2025)

- Organized events, coordinated outreach, and improved participation by 40%.
- Developed promotional content and collaborated with faculty/marketing teams.

Campus Ambassador — EDC IIT Delhi (Jan 2025 – Feb 2025)

- Promoted entrepreneurship events and connected students with EDC initiatives.

PROJECTS

- **TerraNova — AI-powered Sustainable City Planning** — An AI-enabled urban layout suggestion system using modern web technologies.
- **MindMetrics — Mental Health Data Analysis** — Analytical tool for mental health assessment using Python and scoring models.
- **Exoplanet Classifier — NASA Space Apps** — ML model to classify potential exoplanets using NASA TESS/K2 datasets.
- **Legal-AI Simplifier — Transforms legal documents into simplified summaries using NLP pipelines.**
- **ByteNotes — AI PDF Question-Answer System** — Full-stack tool enabling users to upload PDFs and ask AI-driven questions.
- **AgriSakha — AI Agriculture Advisor** — Multilingual crop advisory platform delivering AI-powered recommendations.
- **Twitter Sentiment Analysis** — NLP pipeline analyzing tweet sentiments using ML classifiers.

TECHNICAL SKILLS

Languages: Python, C, HTML/CSS

Frontend: Streamlit, Tailwind, Figma

Backend: Express, Spring Boot, Flask, FastAPI, Django, REST APIs

Databases: MySQL, SQLite, MongoDB

Tools: Linux, Git, GitHub Actions, Azure DevOps, Docker, Kubernetes, Azure, AWS

Coursework: DSA, OOPS, DBMS, Operating Systems, Computer Networks, Cyber Security

AI/ML Technologies: Scikit-learn, NLP, RAG (learning), Agents (learning), Vector DBs (learning)

EDUCATION

Symbiosis Institute of Technology, Pune

2024 – Present

B.Tech in Artificial Intelligence and Machine Learning

AWARDS, HONORS AND CERTIFICATIONS

- Full-Stack Generative & Agentic AI with Python (Udemy) — Ongoing
- 100 Days of Code: Python Pro Bootcamp (Udemy)
- Oracle Cloud Infrastructure 2025 — Multicloud Architect Professional
- OCI Foundations Associate 2025
- GeeksforGeeks AIML Workshop
- Co-Creating with GPT-5 — HaikuLabs
- Data Structures & Algorithms — ScintialLab
- SQL (Basic & Advanced) — HackerRank
- CSS Basics — HackerRank
- NASA Space Apps Challenge Participation