



Harshit Waldia

Bachelor of Technology
CSE (Hons) in ML and AI
Graphic Era Hill University


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EDUCATION

Degree/Certificate	Institute/Board	CGPA	Year
B.Tech, CSE (Hons)	Graphic Era Hill University, Bhimtal	8.17	2021-25
Senior Secondary	New Beersheba Sr. Sec. School	8.02	2021
Secondary	New Beersheba Sr. Sec. School	8.07	2019

EXPERIENCE

- **Omnite Solutions (I) Pvt. Ltd.**  Sept 2025 - Dec 2025
AI/ML Software Developer Intern Noida, India
 - Built classical ML models and time-series forecasting pipelines with feature engineering and model evaluation.
 - Implemented neural networks while analyzing the mathematical foundations behind ML algorithms.
 - Integrated ML components into production-level workflows to enhance data-driven decision systems.
 - Developed and deployed FastAPI-based RESTful APIs for an enterprise e-commerce platform.

PROJECTS

- **DocTalk: An LLM-powered PDF Chatbot** [GitHub](#) 
Tools: Python, LangChain, OpenAI API, GitHub
 - Developed an LLM-powered chatbot capable of extracting and summarizing information from PDF documents.
 - Implemented LangChain with semantic search to enable accurate, context-aware conversational responses.
 - Built a clean, user-friendly interface for seamless interaction with PDF data.
- **Synthiverse: Stable Diffusion-based Creative Synthesis System** [GitHub](#) 
Tools: Python, PyTorch, Diffusers, Hugging Face, OpenCV, GitHub
 - Built a modular text-to-image generation pipeline using Stable Diffusion with fine-tuned prompts.
 - Integrated Hugging Face's 'diffusers' library and PyTorch to generate high-fidelity visual outputs from text.
 - Focused on enhancing visual creativity by exploring custom pipelines and prompt engineering.

SKILLS

- **Programming Languages:** Python, C, C++, JAVA, R/RStudio, HTML/CSS, Javascript, MySQL, Postgres
- **Technologies:** Transformers, Sklearn, OpenCV, TensorFlow, Keras, GANs, YOLO, RAG
- **Tools:** Visual Studio Code, Slack, Git, GitHub, Jupyter
- **Soft Skills:** Problem Solving, Team Collaboration, Analytical Thinking, Adaptability

CERTIFICATIONS

- **OCI Generative AI Certified Professional**, [Oracle Certification](#) 1Z0-1127-24 Aug 2024
- **Microsoft Certified: Azure Data Fundamentals**, [Microsoft Certification](#) DP-900 July 2024
- **GitHub Foundations Certification**, [GitHub Certification](#) Github June 2025

COURSES

- **AWS Academy Machine Learning Foundations** AWS Academy, 2023
- **IBM Introduction to Artificial Intelligence (AI) Specialization** IBM (Coursera) , 2022
- **Networking with Linux Administration** SLOG Solutions Pvt. Ltd., 2022

EXTRA CURRICULAR ACTIVITIES

- Frequent Hackathon participant, engaged in a 24-hour hackathon titled "**Hack-o-holic**" with the team "Binary Bros".
- **National Cadet Corps (NCC)** Jan 2021 - Feb 2024