

HARSH RAJ MISHRA

Python Developer | AI/ML Developer

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ABOUT ME

I am a passionate coder with expertise in Python, machine learning, deep learning, and artificial intelligence. I thrive on solving complex problems and building AI-driven solutions that enhance efficiency and decision-making. With a strong analytical mindset, I continuously refine my skills, stay updated with the latest advancements, and explore innovative approaches to drive impactful results in the field of AI/ML development.

EXPERIENCE

ML Intern

CAPRAE CAPITAL - California, US

08/2025 - 12/2025

- Increased lead conversion by **15%** by integrating machine learning into **Caprae Capital's proprietary SaaSquatch Leads**.
- Developed an **in-house recruiting platform** with the team, automating **70% of manual screening tasks**.
- Collaborated with **international, cross-functional teams** to deliver key product features.

Technical Team Lead Intern

MEGAMINDS IT SERVICES

12/2023 - 07/2025

- Led team on data-driven projects**, developing ML/DL models **with up to 99% accuracy** and improving delivery **efficiency by 30%**.
- Ensured timely, high-quality results through **daily progress tracking** and client meetings for requirements, updates, and satisfaction.
- Collaborated on **research initiatives**, enhancing methods and solving problems through experimentation and innovation.

Freelancer

Upwork/Freelancer

10/2023 - Present

- Completed **7+ freelancing projects** on platforms like Freelancer and Upwork.
- Worked on projects involving Python, AI/ML, automation, data scraping, and data science.

SKILLS

Python	Machine Learning	EDA	Data Science	AI	LLM
Deep Learning	LangChain	RAG	NumPy	Pandas	SQL
MySQL	C++	GitHub	Cloud	Salesforce CRM	Apex

EDUCATION

Bachelor of Technology in CSE - AIML

Gyan Ganga Institute Of Technology And Sciences

2022 - 2026

High School. 10th (82%) and 12th (84%)

Kendriya Vidyalaya O.F. Khamaria Jabalpur

2010 - 2022

TRAINING / COURSES

Last Mile Program - Salesforce
AI Agent Developer track

Google Cloud Computing Foundations - NPTEL

Crash course in python - Google

Advanced Python - (by Joe Marini) LinkedIn Learning

Cisco Certified Network Associate (CCNA)

Learning Git and GitHub - LinkedIn Learning

PROJECTS

Multi-Source RAG Analyzer (LangChain)

Developed a multi-document **RAG** chat system using **LangChain, Perplexity API** and HF embeddings to analyze PDFs with relevance scoring and source citations and interactive visualizations. **Deployed** on Hugging Face Spaces, reducing information extraction time by **70%**. [\[Link\]](#)

Company Ownership Feature (CAPRAE)

Developed a feature with APIs and Gemini AI to fetch **company owner details** (founder, company, LinkedIn, etc.), Integrated into SaaSquatch's "Get Owner Details", enhancing lead qualification and saving **80%** research time. Live on **Caprae Capital's SaaSquatch Platform**. [\[Link\]](#)

Salesforce-Based Health Connect 360

Created **Health Connect 360** on Salesforce with **Apex** to automate patient management, appointments, and updates. Boosted clinical efficiency by **75%** and data accuracy with **dashboards**, events, secure access controls. [\[Link\]](#)

MXPERT (AI Expert Matching System)

An AI-driven platform automating interview panelist selection by matching job descriptions with candidate skillsets using **AI/ML scoring**. I created the backend using **NLP** and a custom similarity algorithm, reducing the hiring process time by **40%**. [\[Link\]](#)

AI-Driven Skin Lesion Diagnostic System

Skin cancer detection system using **deep learning** models to analyze and classify various types of skin cancer from images. It leverages ground truth data for precision and achieves **98% accuracy** in predicting the cancer type. [\[Link\]](#)

KEY ACHIEVEMENTS

IDE National Bootcamp Winners

Winners of national level bootcamp 2024

Smart India Hackathon Finalist

Smart India Hackathon 2023

Senior Diploma

Prayag Sangeet Samiti - Tabla (instrument)

Regional Sports

Regional Chess Player

NCC A Certificate

NCC Junior Under Officer

INTERPERSONAL SKILLS

Leadership Teamwork Adaptability

Time management Problem Solving

LANGUAGES

English Native

German Intermediate