

Granth Satsangi

Gurgaon, Haryana — grnth05@gmail.com — +91 9650847392
LinkedIn — GitHub

PROFILE

Computer Science student specializing in AI and ML with experience in designing machine learning solutions, NLP based systems, and real-time applications. Skilled in identifying automation opportunities, building data-driven models, and integrating AI into end-to-end workflows.

EDUCATION

VIT Bhopal University 2023 – 2027
B.Tech in Computer Science and Engineering (AI & ML), CGPA: 9.11/10
Salwan Public School, Gurgaon 2023
Higher Secondary Education (CBSE)
NCC 'A' Certificate, Pracheen Kala Tabla Graduate

TECHNICAL SKILLS

Programming: Python, C++, Java, R
Web: HTML, CSS, JavaScript, React, Next.js, Express, Tailwind
Data and Tools: scikit-learn, Pandas, NumPy, TensorFlow, Matplotlib, Seaborn, BeautifulSoup, MySQL, MongoDB, Supabase
AI/ML: Machine Learning, Deep Learning, NLP, Model Evaluation, Feature Engineering, Data Pipelines
Tools/Cloud: Git, GitHub, Docker, AWS, OCI, Linux, MATLAB

PROJECTS

Parkinson's Disease Prediction System Sep 2024 – Dec 2024
Python, Bi-LSTM, Machine Learning

- Built a speech-based Parkinson's prediction model using Bi-LSTM with acoustic feature extraction.
- Achieved 95%+ accuracy through model optimization and evaluation.

Virtual Mouse Using Hand Gestures 2024
Python, OpenCV

- Developed a real-time hand gesture tracking system to control cursor movement.
- Integrated OpenCV and pyautogui for gesture-based navigation and clicks.

EduSaarthi – AI Teacher Assistant Jan 2025
Next.js, OpenAI API, MongoDB

- Built a multilingual AI chat platform with English–Hindi support using Next.js.
- Automated multilingual query handling using NLP-based conversational workflows.
- Implemented persistent chat storage and optimized UI for low-latency interaction.

EXPERIENCE

AI Engineer Intern, amasQIS.ai Apr 2025 – Sep 2025

- Developed HRMS components using Express and MongoDB with real-time WebSocket updates.
- Assisted in testing and validating AI models in production-like environments.

Digital Transformation Intern, Silverskills Pvt. Ltd. May 2023 – Jul 2023

- Built data analysis tools and automated data collection using Python web scraping.
- Collaborated on improving data processing pipelines.

CERTIFICATIONS

- OCI Certified Generative AI Professional (2025)
- Oracle Cloud Infrastructure AI Foundations Associate (2025)
- Applied Machine Learning in Python (Coursera, 2025)
- Machine Learning Fundamentals (Coursera, 2024)
- OCI Certified Data Science Professional (2025)
- Cloud Computing (NPTEL, IIT Kharagpur, 2025)