

Samarth Keshari

[✉ samarthkeshari15@gmail.com](mailto:samarthkeshari15@gmail.com)

📞 95985 43616

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GitHub

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Kaggle

Professional Summary

A dedicated and goal-oriented Computer Science undergraduate with a strong foundation in programming, critical thinking, and problem-solving. Passionate about applying technical knowledge and user-aware thinking to build scalable, intelligent software systems that solve real-world problems.

Education

Chandigarh University, Mohali, Punjab
B.E. in Computer Science and Engineering

2023 – 2027
CGPA: 7.74

Delhi Public School, Varanasi, Uttar Pradesh
Intermediate (CBSE)

2022
Percentage: 74.3

Delhi Public School, Varanasi, Uttar Pradesh
Matriculation (CBSE)

2020
Percentage: 70.0

Experience

Artificial Intelligence Intern

June 2025 – July 2025

Appolo Computers Pvt. Ltd. (On-Site)

- Engineered an AI-powered resume parsing and ranking system using Qwen LLM, vision models, Python, and FastAPI.
- Implemented REST APIs for automated resume ingestion and semantic job–candidate matching.
- Enhanced backend workflows and reduced manual screening time by 70%.

Projects

Multiple Disease Prediction System Using AI/ML

Python, Pandas, Scikit-learn, XGBoost, Random Forest

- Built an end-to-end ML pipeline using Pandas and Scikit-learn for multi-disease classification (breast cancer, cervical cancer, PCOD).
- Applied preprocessing (cleaning, encoding, scaling) and evaluated models using Precision, Recall, F1-Score, and ROC-AUC.
- Exposed a modular API for real-time predictions to support scalable deployment.

NeurAero – Cognitive Agentic AI for Autonomous Flight Systems

Python, Agentic AI, Reinforcement Learning, FastAPI, ROS2

- Built a cognitive Agentic AI system for autonomous drones using a Master–Worker multi-agent architecture to handle sensor uncertainty and conflicts.
- Applied neuro-symbolic reasoning and reinforcement learning (PPO/SAC) to enable adaptive, explainable, and safety-aware flight decisions on edge devices.

AI-Based Resume Parsing System

Python, FastAPI, Qwen LLM, NLP, REST APIs

- Built a FastAPI-based backend to parse and rank resumes, processing 500+ resumes/day with 70% faster performance.
- Integrated scalable REST APIs for automated recruitment workflows and 10+ client integrations.
- Optimized asynchronous tasks and database operations, reducing system latency by 70%.
- Increased backend reliability by 30% through unit and integration testing.

Certifications

- AI Fundamentals – IBM SkillsBuild & Cisco Networking Academy (2025)
- Generative AI Essentials – LinkedIn Learning (2024)

Technologies

Programming Languages: Python, C/C++, Java, JavaScript/TypeScript

Web Development: HTML/CSS, React.js, Node.js, FastAPI, Django, REST APIs

Machine Learning & AI: Model Training & Evaluation, TensorFlow, PyTorch, Scikit-learn, Deep Learning Basics, Computer Vision (OpenCV), Vision Models

Data Analysis & Visualization: Exploratory Data Analysis, Data Cleaning, Basic Statistics, Pandas, NumPy, Matplotlib, Tableau

Software Development: Data Structures & Algorithms, Object-Oriented Programming (OOP), Problem Solving

Databases: SQL, MySQL, PostgreSQL

Tools: Git, GitHub, Postman, Jupyter Notebook, VS Code

Soft Skills: Teamwork, Adaptability, Empathy, Problem-solving, Critical Thinking, Collaboration