

Rahul

Mobile: +91-6398792951
GitHub: github.com/rahul7697762/

Email: rahulsaini11204@gmail.com
LinkedIn: [linkedin.com/in/rahul1232/](https://www.linkedin.com/in/rahul1232/)

SUMMARY

Aspiring Machine Learning Engineer seeking opportunities to apply skills in Python, NLP, Computer Vision, and advanced ML algorithms while building intelligent systems. Passionate about developing data-driven solutions, optimizing models, and deploying scalable AI applications for real-world impact.

SKILLS

- **Languages:** Python, C++, Java, SQL
- **Machine Learning & AI:** Supervised & Unsupervised Learning, NLP, CNN, OpenCV, Agentic AI
- **Tools and Frameworks:** Linux, TensorFlow, PyTorch, Flask, Streamlit, Docker, React.js
- **Databases & Cloud:** MySQL, DBMS, Firebase
- **Version Control:** Git, GitHub
- **Core Concept:** Data Structures & Algorithm, OOPS, Operating Systems (OS), Computer Networks (CN)
- **Soft Skills:** Problem-Solving, Team Collaboration, Adaptability, Project Management

PROJECTS

- **PrepWise-AI-Powered Interview Practice Platform** June'2025 - July'2025
Tech | Next.js, TypeScript, Gemini, Firebase, Vapi AI
Built an interactive platform using React (Next.js) for voice-based interview practice with real-time feedback. Designed dashboards to track performance and integrated Firebase authentication with a serverless backend.. Experimented with cutting-edge AI APIs and integrated modern frontend libraries to enhance UI performance and user experience.
- **Crop Guidance System** Aug'2025 – sep'2025
Tech | React.js, Firebase, Flask API, Weather API, Machine Learning (CatBoost, LightGBM,CNN)
Developed an ML-powered crop guidance system recommending optimal crops based on soil, weather, and regional data, achieving **~89% prediction accuracy**. Integrated **image-based crop disease detection using CNN & OpenCV**, classifying common crop diseases with **~92% accuracy** and suggesting tailored treatments. Integrated a Machine Learning model with Flask API for real-time crop predictions. Incorporated real-time market data to provide price trends and demand insights for better decision-making. Implemented a voice-enabled chatbot to answer farmers' queries on crops, soil health, and best practices. Used Firebase to store and retrieve personalized crop recommendations, enabling seamless front-end interaction with React.js.

CERTIFICATES

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate - [Oracle](#) Aug'2025
- TCP/IP and Advanced Topics - [Coursera](#) Nov'2024
- Packet Switching Networks and Algorithms - [Coursera](#) Nov'2024
- Introduction to Hardware and Operating Systems - [Coursera](#) Sep'2024
- Data Structures and Algorithms (72 hours) – Iamneo Dec'2024
- Object Oriented Programming (72 hours) – Iamneo Dec' 2024

ACHIEVEMENTS

- Solved over **300 Data Structures and Algorithms** problems on LeetCode, maintaining a solving **streak of more than 51 days**.
- Secured **11th rank** in a national-level Web Development competition organized **by CipherSchools**.
- **HackerRank Achievements:** 5★ in Python, 4★ in C++, 3★ in C, and 3★ in SQL, demonstrating strong language-specific expertise

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.6** Pursuing(2023-2027)