

Akarsh Pratap Singh

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Summary:

Aspiring AI engineer with hands-on experience in Java, Python, and full-stack development using React, Node.js, and SQL databases. Focused on machine learning fundamentals and delivering practical, data-driven solutions.

Education:

B.Tech in Computer Science (A.I.), Galgotias University CGPA: 8.4/10	2023-2026
Deva Inter College, Class XII Percentage: 80.9	2022-2023
Deva Inter College, Class X Percentage: 93.4	2020-2021

Skills:

- Languages: Java, Python, JavaScript
- Frontend: React.js, HTML, CSS, Bootstrap, Tailwind CSS
- Backend & Databases: Node.js, Express, MongoDB, MySQL
- Libraries: NumPy, Pandas, Scikit-learn, TensorFlow/Keras

Soft Skills: Teamwork, Communication, Problem-Solving, Leadership.

Projects:

Face Recognition System | Python, OpenCV, Machine Learning | [GitHub Link](#)

- Implemented a face recognition pipeline using OpenCV and ML to detect and identify human faces in real time.
- Processed image data and trained recognition models to improve detection reliability.
- Demonstrated accurate face identification across multiple test inputs.

Smart Loading Vehicle System | Java, OOP, File Handling | [GitHub Link](#)

- Designed a logistics management program to assign return-trip cargo to delivery vehicles.
- Reduced empty return trips and improved route utilization in simulated scenarios.

Internships:

Web Development Intern, Prodigy Infotech (Virtual)

(July 2025 – Aug 2025)

- Implemented responsive web interfaces using HTML, CSS, JavaScript, and modern UI practices.
- Optimized page structure and assets to enhance loading speed and interaction smoothness.

AI-ML Virtual Intern, EduSkills (Google AI/ML Program)

(Sep 2023 – Oct 2023)

- Applied supervised and unsupervised ML techniques on structured datasets using Python.
- Implemented model training and evaluation workflows within Google's AI/ML learning environment to improve accuracy and understanding of ML pipelines.

Certificates:

- Web Development (MERN) — ApnaCollege (Sep 2023 – Oct 2023)
- Data Structures & Algorithms — ApnaCollege (Jun 2024 – Oct 2024)
- Database Management System — Oracle Academy (Jun 2024 – Oct 2024)
- Python Programming — GUVI (Oct 2023 – Nov 2023)

Achievements:

- Secured Top 30 position at college level in Smart India Hackathon 2024 and 2025.
- Consistently maintained a CGPA of 8.4.
- Demonstrated strong problem-solving skills through consistent DSA practice and coursework.
- Completed multiple academic and self-initiated projects using Java, Python, and web technologies.