

Prashant Chandra

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SUMMARY

B.Tech Computer Engineering student specializing in AI-powered Full Stack Development. Skilled in Next.js, Node.js, MongoDB, and Python for scalable web apps. Experienced with RESTful APIs, ML, and computer vision. Built AI-integrated, cloud-deployed projects following agile practices.

SKILLS

Languages: Python, JavaScript (ES6+), C++, SQL

Frontend: Next.js, React.js, Tailwind CSS

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, MySQL

AI / ML: OpenCV, scikit-learn, PyTorch, TensorFlow (basic), Hugging Face

Tools / DevOps: Git, GitHub, Vercel, Render, Anaconda, VS Code

Concepts: RESTful API design, OOP, DSA, Agile Development

PROJECTS

FitTrack+ AI – AI Powered Fitness and Nutrition Platform

[Live Demo](#) | [GitHub Repo](#)

- Built a full-stack AI fitness platform integrating ML and computer vision for real-time workout and nutrition tracking.
- Achieved 92% accuracy in rep-count detection using MoveNet and custom preprocessing.
- Stack: Next.js, Node.js, FastAPI, MongoDB, PyTorch; deployed on Vercel, Render, and Hugging Face.
- Added AI-based food recognition and a KNN-driven Smart Coach recommendation engine.

Face Recognition Attendance System

[GitHub Repo](#)

- Designed a computer-vision-based attendance system using Python, OpenCV, and LBPH embeddings.
- Implemented CRUD student management and secure local database logging.
- Optimized recognition accuracy under varying lighting and angles.

EDUCATION

B.Tech in Computer Engineering, Aligarh Muslim University (AMU) 2023 – 2027
CGPA: 7.89

Diploma in Computer Engineering, Aligarh Muslim University (AMU) 2020 – 2023
CGPA: 9.66 (College Topper)

CBSE (10th), Central Board of Secondary Education 2019 – 2020
Percentage: 97% (District Topper)

CERTIFICATIONS

- Full Stack Web Development (MERN) — Simplilearn. [View Certificate](#)
- AI in the Real World — upGrad. [View Certificate](#)

ACHIEVEMENTS & INTERESTS

- Consistent academic achiever and hands-on project developer.
- Fitness enthusiast developing AI-driven health solutions.
- Practicing mindfulness and discipline inspired by ISKCON philosophy.

Last Updated: November 10, 2025