Aadarsh Thakur

Engineering Student
Class of 2025

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Technical Skills

- </> Languages: Python
- 🖥 Web Dev: HTML, CSS, React.js, Tailwind CSS, Framer Motion
- AI/ML: ML, DL, TensorFlow, PyTorch, Scikit-learn
- ▦ Data Tools: Pandas, NumPy, Matplotlib
- 🗄 Databases: MySQL
- 🔧 Tools: Git, GitHub, Vercel

Professional Skills

- 👥 Teamwork
- 💡 Analytical Thinking
- 🕓 Time Management
- ⚙ Project Planning
- ✅ Adaptability
- 💬 Communication

Profiles

- https://github.com/Aadarsh2021
- https://www.linkedin.com/in/aadarsh-thakur-1bbb29230/
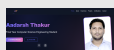- http://portfolio-khaki-omega-43.vercel.app

About Me

Innovative and driven Computer Science Engineering student with hands-on experience in Python programming, Machine Learning, Deep Learning, and Full Stack Web Development. Skilled in designing scalable AI-powered solutions, building modern user interfaces, and managing end-to-end software projects. Demonstrated success in internships and real-world projects, including patented innovations in agritech and smart cities. Interested in contributing to challenging roles in AI, software engineering, or data-driven development.

Education

Graduation

2021 – 2025	**Bachelor of Technology (B.Tech)** Major: **Computer Science Engineering** G L Bajaj Group of Institutions, Mathura CGPA: **6.5**

School Education

2021	**Dashmesh Public School** Science (PCM) — Scored: **75%**	12th
2018	**Holy Mary International School** Scored: **75%**	10th

Internships

09/2023	**Data Science Internship** Completed with excellent remarks. Certificate ID: OIB/A2/IP415	Oasis Infobyte
04/2024 – 06/2024	**AI-ML Virtual Internship** 4-week hands-on training on core AI concepts and tools.	AICTE & EduSkills
10/2024	**Data Science Internship** Certificate IDs: **ISDSCI933504, ISDSCT933504**	Internship Studio

Projects

04/2024 – 05/2024	**Portfolio Website** Responsive React portfolio using Tailwind, Framer Motion. **Tech Used:** React.js, Tailwind CSS, Framer Motion Live: `http://portfolio-khaki-omega-43.vercel.app`
06/2024 – 11/2024	**Farm-Ease : A Full-Stack AgriTech Platform** Built a smart agriculture platform combining AI, blockchain, and e-commerce to help farmers and agri-businesses. Enabled crop price prediction and disease detection using ML, and secured transactions via Solidity smart contracts and Web3.js integration. Included real-time analytics, responsive design, and PWA features. **Tech Used:** HTML5, CSS3, JavaScript, React, Node.js, Express, MongoDB, Solidity, Web3.js, Python, Scikit-learn Live: `https://farm-phi-jade.vercel.app/`
11/2024 – 04/2025	**Smart City Traffic Monitoring System** Built a real-time traffic monitoring system using YOLOv7 and ByteTrack for vehicle detection and tracking. Enabled traffic violation alerts, density analysis, and live video dashboard with React and Flask-SocketIO. **Tech Used:** Python, Flask, YOLOv7, ByteTrack, OpenCV, React, Mapbox, SQLite Live: *(Link not provided)*

Achievements

IVS Hackathon
4th Place
Presented FarmEase — recognized for innovation in agri-tech.

Patents

Knapsack Security
Smart anti-theft travel luggage lock and alert system.

–
FarmEase Patent
A full-stack agri-tech platform integrating AI and blockchain to optimize crop planning, pricing, and secure transactions.

Certifications

05/2023 – 06/2023
Machine Learning   Bharat Intern
Regression, decision trees, clustering — Python-based projects.

07/2023 – 08/2023
Data Science   Google Launchpad / Programming Hub
Certificate ID: 1724688187259

04/2024 – 06/2024
AI-ML Internship Certificate   AICTE, EduSkills, G. L. Bajaj
Certificate ID: c2af334bfcece794dfffb1f54274156b

02/2025
Python Programming   CutShort
Completed on CutShort platform. Covered Python fundamentals and scripting.

02/2025
Machine Learning   CutShort
Completed on CutShort platform. Hands-on training in applied ML concepts.

Languages

English   Native / Full Professional Proficiency

Hindi   Native / Full Professional Proficiency