Aadarsh Thakur

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GitHub — LinkedIn — Portfolio

About Me

Computer Science Engineering graduate from G.L. Bajaj Group of Institutions with hands-on experience in full-stack development and AI/ML. Developed scalable web apps and intelligent systems including an AI-powered AgriTech platform and a Smart Traffic Monitoring System. Passionate about backend development, clean architecture, and building systems that solve real-world problems.

Education

Bachelor of Technology, Computer Science Engineering
G.L. Bajaj Group of Institutions, Mathura   2021 – 2025
CGPA: 6.14

Dashmesh Public School (12th, PCM)	2021, Score: 75%
Holy Mary International School (10th, CBSE)	2018, Score: 75%

Experience

Backend Developer Intern, Ash-Tech Technologies   Jul 2025 – Present
- Developed REST APIs; optimized backend for scalability.
- Worked with MongoDB and Node.js for high-volume data.

Data Science Intern, Internship Studio   Oct 2024
- Built data workflows using Pandas and Scikit-learn.
- Certificate IDs: ISDSCI933504, ISDSCT933504

AI-ML Virtual Internship, AICTE & EduSkills   Apr – Jun 2024
- Supervised/unsupervised ML and model deployment.

Data Science Intern, Oasis Infobyte   Sep 2023
- Evaluated ML models, derived insights from datasets.
- Certificate ID: OIB/A2/IP415

Machine Learning Intern, Bharat Intern   May – Jun 2023
Web Development Intern, Bharat Intern   Oct – Nov 2023

Projects

Farm-Ease: AI-Powered AgriTech Platform   Jun – Nov 2024
- AI-driven crop prediction and disease detection.
- Tech: React, Node.js, MongoDB, Python, Scikit-learn
- farm-phi-jade.vercel.app

Smart City Traffic Monitoring System   Nov 2024 – Apr 2025
- Vehicle detection/tracking with YOLOv7 and Flask.
- Tech: Python, Flask, OpenCV, React, Mapbox

Portfolio Website   Apr – May 2024
- Responsive design; interactive UI.
- Tech: React.js, Tailwind CSS, Framer Motion

- portfolio-khaki-omega-43.vercel.app

Technical Skills

Languages: Python, JavaScript, HTML/CSS
Web Dev: React, Tailwind, Node.js, Express
AI/ML: TensorFlow, PyTorch, Scikit-learn
Databases: MySQL, MongoDB
Tools: Git, GitHub, Vercel, Mapbox

Achievements & Patents

- **ITS Codeathon — 4th Place**
  FarmEase project recognized for innovation in AgriTech.
- **Patents:**
  - *Knapsack Security*: Anti-theft luggage lock system.
  - *FarmEase Patent*: AI-blockchain AgriTech platform.

Certifications

- ML — Bharat Intern (May–Jun '23)
- Web Development — Bharat Intern (Oct–Nov '23)
- Data Science — Google Launchpad (ID: 1724688187259)
- AI-ML — AICTE, EduSkills (ID: c2af334bfcece794dfffb1f54274156b)
- Python Programming — CutShort (Feb '25)
- Machine Learning — CutShort (Feb '25)

Languages

English, Hindi — Native / Full Professional Proficiency