

Aditya Agnihotri

SOFTWARE ENGINEER

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Professional Summary

Passionate Computer Science student with hands-on experience in backend development and MLOps. Seeking a software development or ML internship to apply technical skills in real-world projects and contribute to impactful solutions.

Education

B.Tech, Computer Science (AI & ML) | Sep 2023 – Present

Galgotias University, Greater Noida, India — GPA: 7.87

- Coursework: Computer Organization & Architecture, Data Structures, Operating Systems, Object-Oriented Programming.

Projects

YouTube Backend Clone | [Github Link](#)

Jul 2025 – August 2025 | (Node.js, Express.js, MongoDB, JWT, Cloudinary)

- Developed authentication, video management, and subscription APIs.
- Implemented secure JWT authentication and integrated Cloudinary for media storage.

User Authentication System | [Github Link](#)

Jul 2025 – Jul 2025 | (Node.js, Express.js, JWT, SQLite)

- Created modular APIs with role-based access and bcrypt encryption.

House Price Prediction | [Github Link](#)

Jul 2025 – Jul 2025 | (Python, FastAPI, Docker)

- Built regression pipeline with Scikit-learn and deployed FastAPI service via Docker.
- Automated CI/CD with GitHub Actions, using MLflow for tracking.

Technical Skills

- **Languages:** Python, Java, JavaScript
- **Backend:** Node.js, Express.js, FastAPI, REST APIs
- **Databases:** MySQL, MongoDB, SQLite
- **DevOps & Tools:** Docker, Git, GitHub Actions, Postman
- **MLOps & Libraries:** Scikit-learn, MLflow, Pandas, NumPy
- **Other Concepts:** Data Structures & Algorithms, OOP

Certifications

- [Introduction to Machine Learning](#) — **Kaggle Learn (Jan 2025)**