Aman Yadav

Computer Science Student | Java Enthusiast

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EDUCATION

B.Tech in Computer Science
KIET Group of Institutions, Ghaziabad   2023 – Present
CGPA: 8.06 / 10

Intermediate (12th)
ISC Board | Percentage: 90%   2022

High School (10th)
ICSE Board | Percentage: 91.8%   2020

PROJECTS

- **E-Office Digitisation System (November 2025 - Present)**
  Software Development Project
  – Working on developing a digital platform to convert paper-based office workflows into an organized electronic system for efficient document handling.
  – Designing modules for document upload, tracking, and status management to reduce manual processing and improve accessibility.
  – Designing structured data storage and validation to maintain accuracy and consistency of records.
  – Focusing on improving workflow transparency and reducing delays in administrative processes.

- **Education Dropout Prediction (September 2025)**
  Machine Learning Project
  🔗 GitHub Repository
  – Built and evaluated an ML model to predict student dropout likelihood using academic, demographic, and social factors.
  – Performed data cleaning, preprocessing, EDA, and visualizations (distribution plots & heatmaps).
  – Trained and evaluated multiple classifiers including Logistic Regression, Random Forest, and XGBoost.
  – Improved model performance through feature engineering and handling of missing/inconsistent data.
  – Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn.

- **Library Management System (November 2024)**
  Java Project
  🔗 GitHub Repository
  – Developed a comprehensive command-line library management system in Java, with features for book and member management using OOP concepts.
  – Implemented borrowing and returning book features, implemented input validation and error handling for all transactions.
  – Tech Stack: Java, OOP, File Handling, Collections Framework

SKILLS

- Languages: Java (Proficient), Python
- Core Skills: Data Structures and Algorithms (DSA), Problem Solving, Machine Learning, SQL
- AWS Cloud, Cloud Computing
- Basic Web Technologies: HTML, CSS, JavaScript
- Tools: Git, GitHub, Excel, Tableau

CERTIFICATIONS

- AWS Certified Cloud Practitioner – Amazon Web Services, February 2026
- Database Application Development Training – Wingspan, October 2025
- MongoDB Developer (NoSQL) – Wingspan, October 2025
- Data Analytics Essentials – Cisco Networking Academy, November 2025
- Cybersecurity Foundation – Palo Alto, June 2024
- Artificial Intelligence – Infosys Springboard, October 2024

ACHIEVEMENTS

- Solved 400+ Data Structures & Algorithms problems on LeetCode and CodeChef
- Earned 5-star Java Badge on HackerRank
- HackerRank Skill Certifications: Problem Solving, Python, Java — 2024