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 (Current)
Intermediate (12th)
ISC Board
Year: 2022 | Percentage: 90%
High School (10th)
ICSE Board
Year: 2020 | Percentage: 91.8%

PROJECTS

- **Education Dropout Prediction (November 2025)**
  Machine Learning Project
  – Developed 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 accuracy through feature selection and proper handling of missing/inconsistent data.
  – Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn.

- **Smart Tourism Web Platform for Jharkhand (August 2025)**
  Web Technology Based Project
  – Developed a digital tourism platform to promote eco and cultural tourism in Jharkhand.
  – Designed modules such as AI trip planner, festival & event calendar, verified local guide listings, and a secure marketplace for local MSMEs.
  – Created an admin dashboard for government authorities to monitor tourist trends and manage listings.
  – Tech Stack: HTML, CSS, JavaScript, Node.js, Python (AI modules).

- **Library Management System (November 2024)**
  Java Based Project
  – 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.

SKILLS

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

CERTIFICATIONS

- AWS Certified Cloud Practitioner certification – Amazon Web Services, February 2026
- Database Application Development Training – Wingspan, October 2025
- NoSQL Course Training – MongoDB Developer – 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 330+ problems on LeetCode
- Achieved 5-star rating in Java on HackerRank
- HackerRank Certifications – Problem Solving, Python, Java (2024)

Extracurricular Activities

- Deloitte Australia Technology Job-Simulation on Forage - July 2025
- Participated in Bithunt 3.0 at Parsec 5.0, IIT Dharwad - February 2025