

Akhilesh Mani Tripathi

Pursuing Integrated Post Graduate(B.Tech + M.Tech) in IT from IIITM(Indian Institute of Information Technology and Management, Gwalior)
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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT

INTEGRATED POST GRADUATE(B.TECH+M.TECH) IN INFORMATION TECHNOLOGY
June 2022 | Gwalior, INDIA
Cum. GPA: 6.67 / 10.0

UP BOARD XII

June 2016| Uttar Pradesh, INDIA
Marks: 85%

UP BOARD X

June 2012| Uttar Pradesh, INDIA
Marks: 90%

COURSEWORK

UNDERGRADUATE

Data Structure & Algorithms
Operating Systems
Machine Learning + Artificial Intelligence
Computer Networks
Object Oriented Programming
Unix Tools and Scripting

SKILLS

PROGRAMMING LANGUAGE

Intermediate:

•Python •C/C++

Beginner:

•Javascript •CSS

TOOLS & FRAMEWORK

Application Development:

•Django •MATLAB •HTML

•NodeJs(Basic)

Machine Learning:

•numpy •pandas • Scikit-learn

•Anaconda

PROJECTS

CREDIT CARD FRAUD DETECTION SYSTEM Jul 2020 – Oct 2020

Explored various ML models using Anomaly detection Algorithms to detect fraudulent transactions in real-time with high accuracy.

Created Models Based on :

- K Nearest Neighbour
- Random Forest
- Local Outlier Factor

Achieved max Accuracy of 99% and precision of 93.6 % using Random forest Algorithm.

Tools & Frameworks:

•Python •Scikit-learn •numpy •pandas

E-VOTING SYSTEM Oct 2019 – Dec 2019

Created a web app to support various use cases of E-Voting System where Admins can create an election, Candidates can nominate themselves for that election & end users can vote for their favorite candidate with some restrictions (like Age & Citizenship).

Tools & Frameworks:

•Django •HTML&CSS •JAVASCRIPT •SQLite3

HOTEL BOOKING & MANAGEMENT SYSTEM Feb 2020 – April 2020

Worked on an Android app by which customers can book hotels and manage the services after booking.

Tools & Frameworks:

•Java •Android Studio •XML

ACHIEVEMENTS

- 4* / div1 coder at Codechef .Highest rating achieved 1890(Div 1) on Codechef(Codechef Profile).
- 6* in Problem Solving at Hackerrank.
- Achieved 235/10000 wrorldwide rank in November long challenge in codechef.(Ranklist).
- Solved 100+ problems in problem solving at Hackerrank & 100+ problems at Codechef.

PROFILE LINKS

Codechef:// [sudo_s](#)

Hackerrank:// [sudo_s](#)

Github:// [sudo1729](#)

LinkedIn:// [Akhilesh](#)