Akshat Jain

Artificial Intelligence and Data Engg. | IIT Jodhpur
jain.53@iitj.ac.in | 9873235040 | Portfolio Website ⤤

EDUCATION

IIT JODHPUR
B.Tech in AI and Data Science
2020-2024*
CGPA: 7.6 / 10 (At the end of 2nd year)

MKDPS SR. SEC SCHOOL
Grad. April 2020 | Delhi, India
XII: 96 Percent

SALWAN PUBLIC SCHOOL
Grad. April 2018 | Gurugram, India
X: 94.8 Percent

SKILLS

LANGUAGES
• C++ • Python • C
• JavaScript • HTML • CSS • Matlab

WEB
• Django (Python) • React
• Vue js • Flask • Bootstrap

OTHER SKILLS
• Machine Learning
• Git and Tools
• Blockchain
• Computer Vision
• Linux

COURSEWORK

UNDERGRADUATE
Pattern Recognition and Machine Learning
Data Structure and Algorithms
Principles of Computer Systems
Introduction to Computer Science
Mathematics for Computing
Human Machine Interaction
Linear Algebra

LINKS

Github:// **akshatjain1004** ⤤
LinkedIn:// **Akshat Jain** ⤤
GeeksForGeeks:// **jain53** ⤤

ACTIVITIES

• Joint Secretary: Literature Club, IITJ
• Student Guide: Counselling Service, IITJ
• Technical Assistant Head: Prometeo, IITJ
• Executive: Career Development cell, IITJ
• Core Member: Pheme, Newsletter, IITJ

EXPERIENCE

ARED (NOW DIMENSIONED) | Android Development Internship | Playstore Link ⤤
October 2021 – December 2021
• Worked on the UI of the application and improving the user experience
• Worked on various tech-stacks like flutter,python and javascript
• Added number of functionalities like the sign-in page, navigation bar and built a python discord bot to display chemical compounds with the given name/chemical formulae.

OPEN SOURCE CONTRIBUTION | Github ⤤
• Part of multiple open-source projects under @devlup-labs ⤤

PROJECTS

HEART STROKE PREDICTOR | Mentor: Dr. Richa Singh
Python, HTML, CSS, JS, Flask | Link ⤤
• An ML based project that predicts patients risk of having a heart disease based on user input.
• The website is optimized for the best prediction, through primary testing on a number of different ML classifiers.
• Added several other features such as top cardiologists, facts regarding heart diseases and top blogs .

GRATITUDE DAY WEBSITE | Memory Wall
React Js, CSS | Link ⤤
• Designed and implemented a memory wall to display photographs submitted by students.
• Fetches drive links from a json file and displays them as polaroids using the javascript polaroid image library ⤤
• The website was used for the gratitude day event held at the institute to display photographs and send more than **750 e-cards**

BITCOIN PRICE PREDICTOR | Mentor: Dr. Richa Singh
Flask, HTML, CSS, JS, Python | Link ⤤
• Developed a web app to predict the future open and close price of bitcoin, and its market volume backed by a support vector regressor.
• I tried out various ML regression models for higher accuracy, and performed testing and validation on the dataset of bitcoin price upto 15-04-2022.
• In addition to the predicted price, I also fetch the current Bitcoin Price in INR and USD, the graphs to show the trend of price for Bitcoin and Bitcoin cash.

OS VISUALISER | Mentor: Dr. Suchetna Chakraborty
Python, HTML, CSS, JS, Flask | Link ⤤
• A webapp to visualise various page replacement algorithms through tables and customizable input

ACHIEVEMENTS

2021 **Department Change** Was awarded a department change from Civil and Infrastructure to AI and Data Science for being one of the **top scorers in my branch**
2022 **Inter-IIT Tech Meet 10.0** Part of contingent that got **Rank-8** at **Inter IIT Tech Meet, IIT Kharagpur** ⤤
2022 **Techfest, IITJ** First Position at Blockchain hackathon for building an etherium based subsidy Portal. **Github** ⤤
2022 **CodePeak** Rank-28 for my open source contributions at Codepeak organised by IIT Guwhati and IIT Patna. **Certificate** ⤤