

Arjun Dakhane

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Leetcode: https://leetcode.com/u/totr_rtr1/

Education

B.Tech.(Computer Science and Engineering)

September 2022- expected June 2026

VIT Bhopal University, Bhopal, Madhya Pradesh

CGPA: 7.85

12th Standard

Delhi Public School, Kolar Road, Bhopal, Madhya Pradesh

CBSE CGPA: 9.62

2022

10th Standard

Delhi Public School, Kolar Road, Bhopal, Madhya Pradesh

CBSE CGPA: 8.90

2020

Projects

1. VIT Bhopal chatbot (Group project 2023)

Developed a chatbot to handle predefined queries, improving the query resolution process for a college system. Utilized HTML, CSS, and JavaScript for the frontend, Python for the backend, and SQLAlchemy for database management. Enhanced efficiency and user experience through streamlined design and query handling.

2. Weather Forecasting Using AI (Group Project, 2024)

Developed predictive models for weather forecasting using supervised learning algorithms. Utilized Python, along with libraries such as NumPy, Pandas, and NLTK for data manipulation and analysis. Implemented machine learning techniques including K-Nearest Neighbors (KNN), Logistic Regression, and Decision Trees to analyze historical weather data and make accurate predictions.

3. Fraud Detection App (Group Project, 2024) [link](#)

Built a mobile and web-based application to identify and report fraudulent activities. Developed using Python for backend logic and SQLite for data storage. Integrated machine learning models to detect patterns indicative of fraud. Applied algorithms such as Decision Trees and Logistic Regression to classify and predict suspicious user behavior. Deployed the app with a user-friendly interface and real-time alert system to enhance user security.

Certificates

1. Ethnus AWS Solutions Architect - Associate Certification Program [link](#)

Issued by ETHNUS Codemithra, AWS Partner Advanced Tier Training.

2. DevOps

- DevOps Fundamentals (CEDEV1IN, provided by IBM). [link](#)
- DevOps Fundamentals (CEDEV2IN, provided by IBMCE) [link](#)
- Agile Methodologies (CEAGL1IN, provided by IBMCE) [link](#)
- Devops, Agile & Design Thinking (CEDEA1IN, provided by IBMCE) [link](#)

Powered by IBM Developer Skills Network. Issued by IBM Career Education Program.

3. Marketing Analytics [link](#)

Elite NPTEL online certification conducted by IIT Kharagpur.

4. Cloud computing [link](#)

Elite NPTEL online certification conducted by IIT Kharagpur.

5. The Bits and Bytes of Computer Networking [link](#)

Online course authorized by Google and offered through Coursera.

6. MATLAB Simulink Onramp [link](#)

Training course conducted by MathWorks Training Services.

Activities

1. Hypernexus Club

Active member of a student-led organization focused on environmental education. Contributed to tree planting initiatives, waste reduction efforts, and the promotion of sustainable energy solutions.

2. CloudZone Club

Active member of a club dedicated to exploring cloud computing, big data, artificial intelligence, and emerging technologies. Engaged in learning activities and discussions on the future of technology and its applications.

Additional

Technical Skills:-

C , C++ , DSA , Python , JAVA 5. HTML 6. CSS 7. JavaScript 8. MATLAB 9. SQL

Tools & Technologies Worked With:-

AWS Cloud, Machine learning, Git, VS Code, Figma, Jupyter Notebook, Android Studio, Scikit-learn, Pandas, NumPy

Soft skills:-

Languages: English and Hindi (Can read, write and speak)