

ADITYA KUMAR DWIVEDI

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EDUCATION

Pranveer singh Institute of Technology, Kanpur, India

Master of Computer Application (Current CGPA: 8.02 / 10.0)

expected-May 2024

UP, India

- Courses: Data Structure and algorithm analysis, Web Dev., Computer Networks, Network Security, Database Management, Project Management

Chhatrapati Shahu Ji Maharaj University, Kanpur

Bachelor of Science (Division: IInd)

May 2022

UP, India

- Courses: Calculus, Probability and Statistics, Complex Analysis, Optimization Theory, Linear Algebra

PROJECTS

Aidylic AI Platform | JavaScript, Python, TensorFlow, HTML/CSS |

Dec 2022 – Feb 2023

- Engineered and deployed the Aidyllic AI platform, an integrated multifunctional toolset designed for diverse AI interactions.
- Utilized JavaScript, React for the frontend, and Python along with TensorFlow for AI functionalities.
- Developed an intuitive web-based AI platform providing features such as a ChatGPT clone for conversational AI, an image generator, and an interactive chatbot.
- Ensured seamless user experience and interactions through robust functionality and intuitive design.

Book Recommendation System | Python, Pandas, Scikit-learn |

Oct 2022 – Nov 2022

- Created and deployed a personalized book recommendation system using Python.
- Utilized collaborative and content-based filtering techniques to suggest personalized book recommendations based on user preferences and book features.
- Enhanced user engagement by providing tailored book suggestions, showcasing expertise in recommendation algorithms and Python programming.

Face Recognition System | Python, ML(KNN), OpenCV |

Aug 2022 – Oct 2022

- Implemented the K-Nearest Neighbor (K-NN) classification algorithm for face recognition.
- Utilized OpenCV and HaarCascades for precise frontal face detection under 700 milliseconds.
- Achieved an outstanding error rate below 3% on a dataset comprising 1,000 images.

SKILLS

Web: React.js, Node.js, HTML, CSS, JS

Databases: MySQL, MongoDB

Tools: Git, iperf3, Wireshark, Tcpdump

Data Science: NLTK,NLP , Standard MI Algorithms

Languages: C++,JavaScript, Java, Bash, Python

Platforms: GitHub, Firebase, Heroku

CI/CD: GitHub Actions

EXTRACURRICULAR ACTIVITY

- Mentoring and Tutoring on Chegg
- Contributions to Mermaid.ai Resource
- Leadership in Aidyllic AI Platform

CERTIFICATES

- **Data Structure** : by coursera (University of California San Diego)
- **Programming Fundamental** : by coursera (DUKE university)
- **SQL for Data Science** : by cousera(university of california and davis)
- **Google Analytics** : by Google Analytics Academy

Achievement

- Qualified TCS NQT (73.38%)
- 4 Star HackerRank problem solving in java
- 5 Star HackerRank problem solving in c++
- Solved 500+ problems on LeetCode ,Geeks for Geeks , coding Ninja(studio),codechef.