

Khushi Jain

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EDUCATION

Gyan Ganga Institute of Technology and Sciences
Btech - Computer Science (Data Science)

2022 – 2026

Jabalpur, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concept
- Software Engineering
- Operating Systems
- Artificial Intelligence
- Web Development
- Cloud Computing

PROJECTS

Movie Recommendation System | Python, ML, API, Streamlit, TensorFlow, Git

2024

- Developed and Deployed Movie recommender system using PyCharm and TMDB API.
- Trained models with Scikit-learn and TensorFlow, exporting them as pickle files.
- Imported pickle files into PyCharm and integrated the system with Streamlit for the frontend.
- Designed an interactive user interface with Streamlit to display recommendations.
- Managed the project with Git and GitHub for version control and collaboration.

Emotion Detection System | Python, OpenCV, ML, DL

2024

- Utilized Python, OpenCV, TensorFlow/Keras to build and train deep learning models for facial emotion recognition.
- Integrated Streamlit UI for seamless user interaction and visualization of detected emotions.
- Optimized model performance with data preprocessing, augmentation, and hyperparameter tuning.
- Used PyCharm to ensure smooth execution and debugging.
- Deployed the application on Streamlit for easy access and sharing.

Amazon Replication Project | JavaScript, Jasmine Testing Framework

2023

- Designed and developed a responsive and dynamic user interface with HTML, CSS, JavaScript & Bootstrap.
- Implemented state management for the cart functionality using JavaScript.
- Added Shipping and Billing features.
- Conducted unit and integration testing using Jasmine to ensure application reliability.
- Deployed the application on GitHub Pages.

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, SQL, NoSQL

Developer Tools: VS Code, Eclipse IDE, Jupyter notebook, PyCharm, Google Colab, Docker, IntelliJ Idea Ultimate.

Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Redux, NodeJS, NextJS, ExpressJS, Git, Bootstrap, Streamlit, Flask, Jasmine.

CERTIFICATIONS

- ReactJS
- Angular
- Python Essentials
- Cyber Security
- Cloud Security
- Alibaba

Hackathon

SIH

2024

Team Lead

Jabalpur

- **Conversational Image Recognition Chatbot** : Developed an AI-based chatbot using machine learning techniques.
- Led a team of 5 members, coordinating tasks and ensuring effective collaboration.
- Technologies Used: Python, TensorFlow, Natural Language Processing (NLP), Flask, GitHub.