ADITI JEENA

Dehradun, Uttarakhand

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EDUCATION

Graphic Era Hill University   September 2022 – June 2026
*B.Tech in Computer Science Engineering - **CGPA - 8.74***   *Dehradun, India*

COURSEWORK

- Data Structures
- Algorithms
- Machine Learning
- OOPS Concept
- Operating Systems
- Database Management
- Computer Vision
- Computer Networks

PROJECTS

PneumoDetect 🔗 | Python, CNN, Tensorflow, Keras

- **Developed a Pneumonia Detection Model:** Utilized Convolutional Neural Networks (CNN) trained on chest X-ray images to identify pneumonia infection with 98.16% accuracy on training data and 100% validation accuracy.
- **Enhanced Diagnostic Efficiency**: Enabled quick and accurate detection to assist doctors in initiating timely treatment, potentially saving lives.
- **Leveraged Deep Learning:** Employed advanced deep learning techniques and high-quality datasets to train and evaluate the model effectively.

AditiVerse 🔗 | ReactJs, NodeJs

- **Developed a Personal Portfolio Website:** Built a responsive and interactive portfolio to showcase GitHub projects, resume, and technical skills, enhancing professional online presence.
- **Utilized a Modern Tech Stack:** Implemented React.js for the frontend, and CSS3 with React-Bootstrap for styling, ensuring a sleek and customizable interface.
- **Deployed on Vercel:** Leveraged Vercel for seamless hosting and deployment, enabling fast performance and global accessibility.

Talkify 🔗 | ReactJs, NodeJs, Socket.IO

- **Developed a Real-Time Chat Application:** Built a full-stack chat platform enabling seamless, real-time messaging using React for the frontend and Node.js with Socket.IO for efficient, event-driven communication.
- **Integrated Socket.IO for Real-Time Updates:** Implemented WebSocket-based communication using Socket.IO, allowing instant message delivery and dynamic user interactions without page refresh.
- **Implemented a Modern Tech Stack:** Used React for the frontend interface, Node.js for the server, and Socket.IO for bidirectional communication, ensuring responsive, real-time performance.

ACHIEVEMENTS

- Selected as one of the Top **50** participants nationwide in the Standard Chartered Diversity Hackathon 2025.
- Completed **600+** coding challenges across multiple platforms like Leetcode, Codechef, GeeksforGeeks, etc.
- Achieved top honors as the school topper in both Class 10 and Class 12 board exams, securing outstanding marks of **97.8%** and **92.8%**, respectively.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, CSS, JavaScript
Libraries: Cpp STL, Python Libraries, BootStrap, ReactJs, Git/GitHub
Developer Tools: VS Code, Codeblocks, Pycharm, Jupyter Notebooks, Anaconda, Eclipse IDE
Tech-Stacks: Front End Web Development, Machine Learning
Databases: Relational Databases(mysql) and SQL

CERTIFICATIONS

- Web Development Bootcamp - Udemy
- Google Cloud Computing Foundations 🔗
- Machine Learning 🔗
- AWS Certified Cloud Practitioner 🔗