# AADITYA VIJAYVARGIYA

A-132/1 Deen Dayal Nagar, JHANSI 284003

📞 +916307692868 ✉ aadityavv9@gmail.com 🔗 linkedin.com/in/aadityavv9 ⊙ github.com/aadityavv

## Education

| | |
|---|---|
| **University of Petroleum and Energy Studies** | **2022 − 2026** |
| *B.Tech CSE Full stack AI* | *Dehradun, Uttarakhand* |
| **Mahatma Hansraj Modern School** | **2021 − 2022** |
| *Class 12, CBSE* | *Jhansi, Uttar Pradesh* |
| **Rani Laxmibai Public Schoo;** | **2019 − 2020** |
| *Class 10, ICSE* | *Jhansi, Uttar Pradesh* |

## Relevant Coursework

- Data Structures
- Full Stack Web Dev
- Artificial Intelligence
- Machine Learning

## Experience

**Fab Critical Care**      **June 2024 − August 2024**
*Asst. Web Developer Intern*      *Remote*

- Assisted in web development and maintenance, contributing to a 20% improvement in site performance.
- Collaborated on new features, resulting in the successful launch of 5 key updates
- Troubleshot technical issues, reducing website opening time by 15%.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.
- Gained hands-on experience in a remote professional setting, enhancing technical and teamwork skills.

**Aikarthya NGO**      **June 2023 − August 2024**
*Social Intern*      *Remote*

- Taught math and English to underprivileged children, improving their academic performance by 20%.
- Developed and implemented engaging lesson plans, increasing student participation by 30%.
- Conducted regular assessments, resulting in a 25% improvement in student test scores. .
- Created PowerPoint presentations with high-quality images relevant to the topics, significantly enhancing students' understanding of math and English concepts

## Projects

**Nexus Properties |Nexus Properties Website|** *HTML, CSS, JavaScript, Bootstrap*      **June 2024**

- **Real Estate Website**: Designed and developed a responsive real estate website using HTML, CSS, and JavaScript, featuring over 10 property listings.
- **Interactive Features:** Implemented property listings with detailed descriptions and interactive images, increasing user engagement by 30%.
- **Modern Design**: Applied modern web design principles, resulting in a 40% increase in user satisfaction based on feedback.
- **Responsive Layout**: Ensured full compatibility across various devices and screen sizes, achieving a 100% responsiveness score.
- **Contact Form**: Integrated a functional contact form for inquiries, improving user interaction and lead generation by 25%.

**Weather Application |Weather App Github|** *Node JS, Express JS, OpenWeatherAPI, EJS, HTML, CSS*      **July 2024**

- **API Integration**: Integrated the OpenWeather API to fetch real-time weather data for user-specified locations.
- **User Interaction**: Implemented a user-friendly interface allowing users to search for weather updates in different cities, resulting in a 95% user satisfaction rate.
- **Performance Optimization**: Optimized API call handling, reducing data retrieval time by 30%.

**Deepfake Voice Detection |DeepFake Project GitHub|** *Python, CustomTkinter, Random Forest, Librosa*      **March 2024**

- **Objective**: Developed a machine learning model to detect deepfake audio with over 92% accuracy.
- **Dataset**: Utilized a dataset of 10,000 real and deepfake audio samples for training and evaluation.
- **Model Architecture**: Implemented random forest model for audio classification, achieving a high accuracy of around 92%.

- **Preprocessing**: Applied audio preprocessing techniques, including noise reduction and feature extraction, reducing false positives by 15%.
- **Deployment**: Deployed the model using customTkinter, enhancing accessibility and usability by 20%.
- **Training**: Model is trained and tested in the ratio of 8:2

**Portfolio Website |Portfolio Website|** *HTML, CSS, JavaScript*                                    **May 2024**
- **Comprehensive Showcase**: Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, featuring over 2 projects.
- **Interactive UI**: Implemented interactive elements such as smooth scrolling, hover effects, and modal pop-ups, enhancing user experience by 35%.
- **Performance Optimization**: Optimized site performance with image compression and code minification, achieving a 30% faster load time.

**QR Code Generator |QR Code Generator Github|** *Node JS, Inquirer, QR-image*                    **June 2024**
- **Technologies Used**: Node JS, inquirer (version 9.2.23), qr-image (version 3.2.0).
- **Functionality**: Enabled users to create custom QR codes by providing input via the command line, generating 100% accurate QR codes.
- **Efficiency**: Provided a simple and efficient way to generate QR codes for various use cases, reducing generation time by 40%.

**Drum kit|Drum Kit Website|** *HTML, CSS, JavaScript*                                               **June 2024**
- **Interactive Experience**: Created an interactive drum kit that plays different sounds when keys are pressed, or buttons are clicked, engaging over 100 users.
- **Engagement**: Provided a fun and engaging way to play and experiment with drum sounds directly in the browser, increasing user interaction by 50%.

## Technical Skills

**Languages**: Python, Java, C, HTML, CSS, JavaScript, C++
**Developer Tools**: VS Code, Git, Github, Developing API's
**Technologies/Frameworks**: Bootstrap, Node JS, Express JS, DSA, Problem Solvong, Backend Programming, REST API
**Developer Tools**: Frontend Design, Project Management, Software Development Life Cycle

## Soft Skills

Communication Skills, Teamwork, Problem Solving, Leadership, Time Management, Adaptability, Attention to detail, Work Ethics.