MEGHA SHRUTI

P: +91 9599010870 | meghashruti098@gmail.com | [Linkedin](#) | [GitHub](#)

EDUCATION

Vellore Institute of Technology, Bhopal   2022 – 2026
Bachelor of Technology
Major in Computer Science and Engineering
Specialization in Cyber Security and Digital Forensics | CGPA – 8.52

TECHNICAL SKILLS

Python (Pandas, Scikit-learn), C/C++, Java, MySQL, Wireshark, Burp Suite, Web-Development Front-end: (HTML,CSS, JS),
Data Structures and Algorithms (DSA), React

Certifications: Foundation of Cyber Security by Google(Coursera) , Cyber Physical System Certification (NPTEL, IIT Kharagpur),
                  Cyber Security Analyst (CECSAIIN, provided by IBMCE)

WORK EXPERIENCE

IIIT GUWAHATI BLOCKCHAIN RESEARCH INTERNSHIP   June 2024 – Aug 2024

Role: Research Intern

- Studied 20+ research papers and acquired in-depth knowledge of blockchain technology and its applications.
- Created 5+ smart contracts using Ethereum, Solidity, and Truffle
- Researched and reported on the adoption of blockchain in 3 key industries, identifying 2 potential areas for innovation.

Techsaksham-Edunet Foundation   Feb 2025-March 2025
Role: Project Intern
- Designed an AI-powered platform with Python and Streamlit for Resume Screening and Candidate Ranking, streamlining the hiring process and reducing recruiter workload by 50%
- Applied NLP techniques and machine learning algorithms to improve text extraction and job matching accuracy by 90 to 95%
- Launched an Streamlit-based UI crafted for seamless resume ranking, deploying the application locally and exploring the cloud deployment option.

KEY PROJECTS

Blockchain-based E-voting system

- Created a reliable and user-centric blockchain e-voting solution, improving voter trust by 30% and reaching 80% satisfaction levels
- Designed and deployed over 5 smart contracts in Ethereum using Solidity, developing 2,000+ lines of code for a responsive web interface
- Learned the working of blockchain and more tools related to it

AI-powered Resume Screening and Ranking System
- Developed an AI-driven Resume screening system, reducing manual screening time by 40%
- Engineered NLP-pipelines with TF-IDF vectorization, to boost similarity detection by 35% and achieving a 95% text extraction accuracy through PyPDF2 integration.
- Built and deployed an interactive Streamlit interface, leveraging machine learning models to enhance candidate-job matching by 30%

E- Learning Platform
- Developed a responsive web application enabling user to view courses, take quizzes, and track learning progress
- Implemented the platform using HTML,CSS and JAVAScript ensuring scalability and maintainability
- Applied clean UI/UX design principles to deliver intuitive, user-friendly interface with enhanced accessinility.

Digital Portfolio
- Built my own digital portfolio using HTML,CSS and Js for front-end and MySQL, PHP in backend to locally host it in my system
- Developed an impactful interface by adding proper css and coding more than 2000 lines to build a proper web-infrastructure and organize all my personal information which will acknowledge my online presence
- Learned web development and enhanced coding speed and understanding

Co-curriculars

4th International World Energy Conference (Conducted by IKSAD institute and Erciyes University ,Turkey)   6 Dec 2024-8 Dec 2024
Role: One of the fellow delegates among 200 international others
- Presented my topic "Energy Management in Building Management System by Incorporating AI Driven Smart Grids"
- Got my research paper published in the full text book of the conference along with 200 other international delegates.

Extracurriculars

Insights Club   July 2023 – July 2024
Role: Core member in the Editorial Department
- Edited 10+ articles for the monthly university magazine and volunteered in 5-10 events