

Vanshika Jain

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EDUCATION

Vellore Institute of Technology, Andhra Pradesh B. Tech in Computer Science and Engineering with specialization in Cyber Security - Current CGPA: 8.28	2021 – 2025
JRK Matriculation Higher Secondary School, Chennai 12th Grade - Achieved an aggregate of 82.6% from Tamil Nadu Board	2020 – 2021

SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, Spring Boot, MySQL
Libraries: NumPy, Pandas, Matplotlib
Environments: VS Code, IntelliJ IDEA, Eclipse, Jupyter Notebook, Git, GitHub
Soft Skills: Problem-solving, Leadership, Communication, Teamwork and Collaboration,, Work Ethic, Time Management, Adaptability, Critical Thinking, Attention to Detail

Work Experience

MERN Full Stack Externship, Ethnus - Explored full-stack development using the MERN stack. - Built and deployed a To-Do application with essential features for managing tasks. - Enhanced user experience by implementing seamless frontend-backend integration.	08/2023 – 11/2023
AI for Cyber Security with IBM QRadar Externship, SmartBridge - Learned to use IBM QRadar to enhance cybersecurity systems. - Worked on creating AI models for detecting and analyzing anomalies in network traffic. - Gained experience in ethical hacking techniques and AI-driven threat detection.	08/2023 – 11/2023

Projects

ToDo Application (MERN Stack) - Designed a task management tool with functionalities to add, update, and remove tasks. - Integrated a user-friendly interface with efficient backend operations for a smooth experience. - Tools/Technologies: MongoDB, Express.js, React.js, Node.js, JavaScript, CSS.	10/2023 – 11/2023
Water Quality Treatment (Machine Learning) - Developed a machine learning model to classify water quality as pure or impure. - Applied clustering techniques to achieve 90% accuracy, utilizing PyCaret for model optimization. - Tools/Technologies: Python, PyCaret, Scikit-learn, Pandas.	02/2024 – 05/2024
Phishing Website Detection - Built a detection system for phishing websites with 95% accuracy. - Deployed the solution via Streamlit for real-time phishing identification. - Tools/Technologies: Python, Scikit-learn, Streamlit, Pandas.	03/2024 – 03/2024

CERTIFICATES

MERN Full Stack Externship	<i>Ethnus</i>
AI for Cyber Security with IBM QRadar	<i>SmartBridge</i>
Advanced Java	<i>Icode</i>