Mythri Badugu

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PROFILE

Computer Science undergraduate passionate about building secure, real-world applications. Developed hands-on projects using Java and full-stack web technologies. Gained practical experience in software development and cybersecurity through research, and team-based initiatives. Looking for opportunities to apply skills in software development, cybersecurity, and AI-driven productivity.

EDUCATION

JNTUH College of Engineering Hyderabad   2023 – Present
B.Tech in Computer Science and Engineering (CyberSecurity) CGPA: 8.91/10

Narayana Junior College   2021 – 2023
Intermediate (MPC) Marks: 986/1000

Sri Sai Public School   2011 – 2021
Grade: 96%

PROJECTS

Image Classifier | Python, TensorFlow, Keras, OpenCV, NumPy   Status: In-progress
- Developing a CNN-based image classifier with high accuracy.
- Includes data preprocessing, model training, and evaluation using TensorFlow and Keras.

Vulnerability Assessment of Web Applications | Burp Suite, OWASP ZAP, Go Buster, Kali Linux   Apr – May 2025
- Conducted a detailed vulnerability assessment on realistic web apps identifying critical flaws like SQL Injection, XSS, CSRF, IDOR, and SSRF.
- Utilized both manual testing and automated tools (e.g., Burp Suite, OWASP ZAP) to simulate real-world attack scenarios.
- Compiled findings into a professional research paper, including risk ratings, proof-of-concepts, and remediation strategies.

Employee Management System | Java First Year Academic Project   2024
- Developed a file-based Employee Management System using Java for data entry, storage, and manipulation.
- Implemented CRUD (Create, Read, Update, Delete) operations using file handling (without a database).
- Enabled persistent storage of employee records such as name, ID, salary, and contact details.
- Strengthened understanding of object-oriented programming and Java I/O streams.

SKILLS

Languages: C, Python, Java, R

Web Development: HTML, CSS, JavaScript, Node.js

Frameworks: Bootstrap, React.js, Express

DSA: Solved 70+ LeetCode problems covering core DSA (arrays, strings, linkedlists, trees)

Competitive Programming: Regularly practice to strengthen problem-solving

ACHIEVEMENTS

Secured second position in Coding Shuffle Contest @Coding Club, JNTUH-UCESTH.