

# MYTHRI BADUGU

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## EDUCATION

### JNTU COLLEGE OF ENGINEERING HYDERABAD

Aug 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%

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## PROJECTS

#### Image Classifier | Status: In-progress

- A CNN-based image classifier with high accuracy. Including data preprocessing, model training, and evaluation using TensorFlow and Keras.
- Tools: Python, TensorFlow, Keras, OpenCV, NumPy

#### Vulnerability Assessment of Web Applications | Tools: Burp Suite, OWASP ZAP, Go Buster, Kali Linux

- 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 and document security risks.
- Compiled findings into a professional research paper, including risk ratings, proof-of-concepts, and remediation strategies to enhance application security posture.

#### Employee Management System | Java First Year Academic Project

- 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.

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## SKILLS

- **Programming languages** : JavaScript, Java, Python, C, R
- **Front-end** : React, JavaScript, HTML, CSS, Bootstrap
- **Backend** : Node.js, Express