

# Pentyala Bhavya Chowadry

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8328675021 Khammam, Telangana pentyalabhavya4204@gmail.com

## Cybersecurity Specialist

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### Python | C++ | Phishing Attack Detection

A passionate Cybersecurity Specialist with a strong foundation in securing web applications and enhancing cybersecurity measures. Skilled in Python and C++ with hands-on experience in detecting and mitigating phishing attacks and fake image detection. Proven ability to improve security infrastructure and protect organizational data from emerging threats. Eager to leverage my expertise in cybersecurity to help businesses safeguard their systems and enhance their security posture.

## PROJECT EXPERIENCE

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### Fake Image Detection

*Technologies Used:* Python, OpenCV, Machine Learning

- Developed a machine learning model to detect fake or manipulated images using various algorithms.
- Applied image processing techniques and deep learning models to classify images as authentic or fake.
- Achieved an accuracy rate of 85% in detecting manipulated images, enhancing the credibility of image sources.

### Enhancing Accuracy for Phishing Attack Detection (PAD) in Web

*Technologies Used:* Python, Scikit-learn, Web Scraping, Machine Learning

- Worked on a web-based phishing attack detection system by enhancing the accuracy of the existing algorithm.
- Utilized machine learning models to analyze and detect suspicious URLs and emails.
- Integrated additional data features such as URL characteristics, metadata, and historical patterns to improve detection accuracy by 20%.
- Successfully decreased false positives and increased the overall system efficiency

## EDUCATION

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**Cumberland University- Lebanon, TN**

**Masters of Science in Information Technology**, Present

**Anurag Engineering College - Ananthagiri, Telangana**

**B.Tech (CSE)**, 2022

70%

**Narayana Junior College - Hyderabad, Telangana**

**Intermediate (M.P.C)**, 2018

86.8%

**New Rea School - Khammam, Telangana**

**S.S.C (General)**, 2016

92%

## PROFESSIONAL SKILLS

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- Python

- C
- C++
- Data Structures and Algorithms

## **AWARDS AND HONORS**

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**Certified in 4.0 Interview Preparation Bootcamp**

## **CO-CURRICULAR ACTIVITIES**

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- Participated in school sport team math clubs.

## **PROFESSIONAL MEMBERSHIPS**

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- Hardworking and dedicated
- Strong communication and persuasion skills
- Problem-solving and adaptable

## **LANGUAGE COMPETENCIES**

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- English: Fluent
- Telugu: Native
- Hindi: Intermediate