

# AMRUTHA VARSHINI CHIMALAKONDA

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## CAREER OBJECTIVE

Analytical software engineer transitioning into risk, data, and governance roles. Strong grounding in Python, SQL, statistics, and security principles with a bias for fast execution and ownership. Experienced in building automated systems, data workflows, and investigative analysis. Thrive in high-velocity environments that demand clarity, measurable impact, and end-to-end responsibility

## EXPERIENCE

### Security Analyst Intern – Cybermindr, Bangalore

May 2025 - July 2025

Worked on vulnerability assessment and penetration testing across web and network environments. Conducted manual and automated testing using tools and scripts to identify security flaws. Participated in technical sessions and practical labs to strengthen hands-on skills in web and network exploitation techniques.

## EDUCATION

### MVGR College of Engineering, Vizianagaram

2022 - 2026

B.Tech in CSE with Cybersecurity, IoT & Blockchain

CGPA: 8.43

### Narayana Junior College, Andhra Pradesh

2020 - 2022

Higher Secondary Education (MPC)

Percentage: 82%

### Sri Chaitanya E-Techno School, AP

2019 - 2020

High School Education (Class X)

Percentage: 99.9%

## PROJECTS

### Agro Eye – IoT Based Environment Monitor | Raspberry Pi, DHT11, Soil Moisture Sensor, Python, ThingSpeak Jul – Nov 2024

- Designed an edge-computing based plant monitoring system that self-adjusts environmental variables using sensor feedback loops. Integrated real-time analytics and visualization through cloud APIs to remotely track temperature, humidity, and soil conditions. Automated irrigation control to optimize water usage without human intervention.

### Adaptive Interview Preparation Tool | Flask, Python, SpeechRecognition, HTML/CSS

Dec 2024 – Apr 2025

- An AI tool that helps freshers to attend to an interview with more efficiency. It is an interactive AI tool that asks questions through voice and takes the user voice as an input, analyzes the input and continues with the next question. Software used is HTML, CSS for front end, flask for python and other python libraries and modules for working of the tool.

### Online Retail Recommendation System | Python, Seaborn, Pandas, Pivot Tables

Present

- I've been working on a data science project using Python for the "Online Retail Recommendation System" database. The project involves analyzing online shopping transaction data to recommend products based on user history. The dataset is preprocessed and described, and popular items are identified using seaborn and pivot tables. These insights are then redirected to Python functions that analyze and print the predicted recommendations. The system is under active development.

## SKILLS

**Communicational skills:** ENGLISH, HINDI, TELUGU, KANNADA (Basics)

**Tools:** Excel, Tableau, Git, Docker, Raspberry Pi

**Executional skills:** gogetter

**Risk Security:** VAPT basics, threat modelling, incident analysis, network protocols

**Languages:** Python, Java, C, C++, SQL

**IoT/Embedded Tools:** Arduino, Raspberry Pi, NodeMCU, ESP32, MQTT

**Web/Frameworks:** HTML, CSS, JDBC

**Databases:** MySQL

## CERTIFICATIONS

**Cyber Security Internship** | Cybermindr (WATI)

17, May 2025 - 31, Jul 2025

**Certified ServiceNow Administrator (CSA)** | SERVICE NOW (Global Internship)

8 May, 2025 - 8 Jul, 2025

**Certified Application Developer (CAD)** | SERVICE NOW (Global Internship)

July, 2025 - 3 Sep, 2025

**CCNA v7: Introduction to Networks** | Cisco

Jun – Jul 2024

**Cybersecurity Essentials** | Cisco

Apr – May 2024

**Python Essentials** | Cisco

Aug – Sep 2024

**Macro Economics: Theory and Policy** | IIM Bangalore

Mar – Apr 2024

**IT Essentials: PC Hardware & Software** | Cisco

Jul – Aug 2023

## ACHIEVEMENTS

- Won 1st place in TECH NOVA (JNTU-GV 2025) for outstanding performance in DAA, DBMS, CN, and Aptitude.