

# Akhila Purigilla

+91 7075088867 | a.purigilla@gmail.com | [LinkedIn](#) | [GitHub](#)

## Professional Summary

Aspiring Cybersecurity Engineer with a strong foundation in network security, system fundamentals, and IT infrastructure. Skilled in Python scripting, incident handling, threat detection, and vulnerability assessment. Proficient with tools like Wireshark, Nmap, Burp Suite, SIEM, and IAM. Hands-on experience with cloud services (AWS), system engineering basics, and security automation. Strong communicator with proven teamwork and leadership from student tech and policy clubs.

## Education

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VIT Bhopal University

BTech

Major in Computer Science; Minors in Cyber Security and Digital Forensics

Cumulative GPA: 8.50/10

Bhopal, Madhya Pradesh

Expected Jul 2026

11th and 12<sup>th</sup> Standard

Narayana Junior College

Cumulative %: 82.4/100

Vijayawada, Andhra Pradesh

Jul 2022

Secondary Education

Narayana School

SSC Cumulative %: 98.5/100

Visakhapatnam, Andhra Pradesh

Jul 2020

## Skills

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### Technical Skills

**Programming & Scripting:** Python, C++, SQL, JavaScript, DSA, OOP

**Security & Networking:** Incident Handling, IAM, EDR, IDS/IPS, Threat Detection

**Tools & Platforms:** Wireshark, Burp Suite, Nmap, SIEM, AWS Cloud, Linux, Windows

**Core Knowledge:** Network Fundamentals, Security Fundamentals, Systems Engineering, DBMS

**Languages Known:** English, Hindi, Telugu

## Certifications & Training

IBM Certified – Cyber Security Analyst & Generative AI

Cisco Certified – Cybersecurity Analyst

RGMTTC-BSNL Training – Optical Fiber, Power Systems, and Telecom Network Security

## Projects

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**Phishing Website Detection** – *Python, Scikit-learn, Pandas*

Developed ML model leveraging URL and content features for phishing detection. Applied data preprocessing, feature engineering, and classification to achieve high detection accuracy.

**Virtual HQ** – *HTML, CSS, JavaScript*

Built a simulated virtual office with real-time chat and video conferencing to enhance remote team collaboration.

**Fake Social Media Comment Detection** – *NLP, SVM*

Created an NLP pipeline with tokenization and lemmatization to detect fake comments. Achieved improved precision in identifying misleading content.

## Activities

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**Model United Nations (MUN Club)** — Treasurer*VIT Bhopal | May 2023 – May 2025*

Led a dedicated team in driving visibility, branding, and outreach for major conferences. Successfully secured sponsorships and institutional partnerships, including with prestigious IITs. Recognized for leadership and promoted to Treasurer, where I managed club finances, optimized budgets, and ensured transparent execution of high-scale MUN events.

**iOS Club** — PR Team Lead*VIT Bhopal | Oct 2023 – Nov 2024*

Led digital marketing, managed event publicity, and collaborated across technical teams to enhance the visibility of tech events by handling end-to-end public relations for flagship tech events. Drove digital campaigns, boosted engagement to enhance visibility.