

# CHAVALA VENKATKALYAN

Vijayawada, Andhra Pradesh, India

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🌐 [kalyan.run.place](https://kalyan.run.place) [tryhackme.com/p/M4RI0xKC](https://tryhackme.com/p/M4RI0xKC)

## Summary

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Motivated Computer Science student specializing in cybersecurity and IT support, with hands-on experience in system troubleshooting, network security concepts, and vulnerability awareness. Passionate about safeguarding systems and assisting users with effective technical solutions.

## Education

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**Usha Rama College of Engineering and Technology** May 2025  
*Bachelor of Technology in Computer Science and Engineering* — CGPA: 7.54 *Vijayawada, Andhra Pradesh*

**KBN College** Sept 2021  
*Intermediate (MPC Stream)* — CGPA: 8.0 *Vijayawada, Andhra Pradesh*

**Ravindra Bharathi School** Mar 2019  
*Secondary School Certificate (SSC)* — CGPA: 8.3 *Vijayawada, Andhra Pradesh*

## Experience

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**Centre for Development of Advanced Computing (CDAC)** May 2025 – Sept 2025  
*Work Based Learning Internship* *Bangalore, Karnataka*

- Worked on real-time cybersecurity and full-stack projects involving secure portal development, vulnerability assessment.
- Supported R&D teams with system design, coding, testing, and documentation; collaborated with senior scientists on government-focused software solutions.
- Provided Technical support to 200+ students, conducted hands-on sessions, and mentored peers on coding aligned with OWASP.

## Projects

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**Secure Web Portal for CyberSecurity Awareness** | *Spring Boot, JavaScript, MySQL* May 2025 – Sept 2025  
• A secure, role-based cybersecurity awareness portal featuring dashboards, course management, job assistance, CVE tracking, and research uploads. Implemented OWASP protections and integrated a virtual lab using VMs and noVNC for hands-on practice.

**Modern Career Guidance Platform** | *Java, Spring Boot, NLP, HTML, CSS, JavaScript* July 2024 - Dec 2024  
• Engineered a recommendation engine leveraging collaborative filtering and machine learning to deliver personalized course suggestions. Boosted user engagement by 60% and increased course completion rates by 35%.

## Technical Skills

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**Operating Systems & Administration:** Windows, Linux

**Technical Support Competencies:** Hardware & Software Troubleshooting, Remote Desktop Support, System Installation & Configuration, Network Connectivity Issues, End-User Assistance, System Upgrades & Maintenance

**Networking & Security Tools:** Nmap, Wireshark, Burpsuite, VPN Configuration, Basic VAPT Awareness

**Cloud & Virtualization Platforms:** Amazon Web Services (AWS), VirtualBox, VMware, noVNC

**Programming Languages:** Java, Python, SQL, JavaScript, HTML/CSS

**Frameworks & Development Tools:** Spring Boot, Figma, REST APIs, Git, Maven

## Certifications

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**EC-Council:** Network Defense Essentials, Ethical Hacking Essentials

**IBM:** Penetration Testing and Incident Response

**NPTEL :** Introduction to IIOT 4.0, CyberSecurity and Privacy, Blockchain and its Applications

**AWS Academy Graduate :** Cloud Architecting (2023)

**Workshops:** Prompt Engineering with Machine Learning; Amazon Web Services & DevOps – Brain O Vision.

**Bootcamp:** Demystifying Android App Security – C-DAC Hyderabad.

## Achievements

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- **First Prize, Web Development Competition:** Awarded 1st place twice in the college-level competition organized by the AICTE Cell, demonstrating superior web development skills.
- **Top 10 Finalist, GUVI Skill-A-Thon:** Outperformed 200,000+ participants to rank in the top 10 for designing the official Andhra Pradesh State Skill Development Corporation APSSDC government website.
- **Second Prize, Cyber Security Seminar & Bug Bounty:** Awarded 2nd prize for a comprehensive security presentation and for identifying and reporting critical application vulnerabilities.