

MANIKANTH K

ECE GRADUATE | M.TECH IN CYBERSECURITY

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SUMMARY

Enthusiastic cybersecurity professional with a strong foundation in IT governance, risk, and compliance (GRC) and basic understanding of IT General Controls (ITGC), with hands-on experience in tools like Nmap, Wireshark, and Autopsy. Passionate about ensuring secure and compliant systems while addressing real-world security challenges.

CAREER OBJECTIVE

Motivated professional seeking a challenging role in Cybersecurity and IT GRC to apply my knowledge of risk assessment, compliance, and control implementation, and contribute to maintaining a secure and compliant IT environment.

INTERNSHIP

Indian Tech Keys | IoT and Embedded Systems

Aug 2023 – Oct 2023

- Gained hands-on experience on IoT and Embedded systems.
- Worked on project titled MOBILE APP BASED HOME AUTOMATION which helps users remotely control appliances (lights, fans, AC, etc.) through a mobile app. (Tools used - Arduino, Python, Firebase Database, Relays, motion sensors, temperature sensors,)

EDUCATION

M.Tech (Cybersecurity)

Dec 2024 - Present

University of Visvesvaraya College of Engineering

B.E (Electronics and Communication Engineering)

Dec 2020 - Sep 2024

East Point College of Engineering and Technology

Class XII

May 2018 - Aug 2020

Sri Chaitanya PU College Bangalore

Class X

May 2017 - Apr 2018

Sri Chaitanya techno School

PROJECTS

Intelligent solar based climate adjustable e-uniform for soldiers

- Designed an intelligent solar-powered e-uniform for soldiers with climate control, enabling temperature adjustment from heat to cold and vice versa. Integrated emergency communication systems for secure coordination during critical operations. (Tools: Arduino UNO, Sensors, GPS Module, GSM Module, MIT App Inventor)

Risk Assessment Framework for Small Businesses

- Conducted an organizational risk assessment by identifying assets, threats, and vulnerabilities using ISO 27001 framework. Mapped security controls, evaluated risk levels, and proposed mitigation plans to improve compliance and resilience. (Tools: Excel, ISO 27001 Controls, Risk Matrix, Documentation Templates)

ADDITIONAL INFORMATION

- **Technical Skills:** Linux, Networking & Security, System Monitoring, IT Governance & Compliance (GRC), Risk Assessment, and Policy Documentation.
- **Familiar Tools:** Ubuntu, VirtualBox, Wireshark, Disk Drill, Risk assessment, Excel, Policy documentation.
- **Languages:** Python (basics), C, Embedded C, HTML, Verilog-HDL.
- **Certifications:** CompTIA Security+ by Udemy, Python, MATLAB Onramp, Packet Tracer by CISCO, CRISC training (Certified in Risk and Information Systems Control).