KARISHMA RAVINDRAN

Entry-Level Cybersecurity Analyst

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Career Objective

BCA graduate with a 9.0 CGPA, passionate about cybersecurity. Seeking an entry-level role where I can apply my skills in network defense, access control, and ethical hacking, while continuously learning and growing in the cybersecurity domain.

Education

2021 – 2024 Bangalore	**BCA - CGPA : 9.0 | 4.0/4.0** *SJRCW(SJR College For Women)*
2019 – 2021 Bangalore	**PUC/12th - CGPA : 8.9 | 4.0/4.0** *MES Kishore Kendra*
2018 – 2019 Bangalore	**SSLC/10th - Percentage: 91% | 4.0/4.0** *Nirmala Rani High School*

Certificates

[In Progress]Your Hands-On Cyber Security Journey Starts Here - Udemy
- Linux commands,Networking etc

Title : The Joy Of Computing Using Python – IIT Madras, NPTEL
- Secured Silver Medal | Score: 78%
- Year: Jul - Oct 2023 (12 week course)

Skills

Networking
- Troubleshooting,DNS basics,TCP/IP
- OSI layers and network flow

Security Frameworks
- Basic knowledge of NIST & ISO 27001 standards

Operating System
Linux (basic commands, log analysis)

Languages
Basics:Python

Cybersecurity Fundamentals
Basic understanding of cybersecurity domains and security practices

Soft Skills
- Strong Communication
- Self-Motivated & Curious

Internship

01/2025	**Mastercard Job Simulation on Forage** ↗ • Created a phishing simulation and analyzed threat response strategies for employee awareness.
04/2025	**TCS Cybersecurity Analyst Job Simulation on Forage** ↗ • Designed IAM solutions, analyzed security access issues, and implemented secure login policies.

Projects

01/2025 – 03/2025	**Major Project** *IAM: Role-Based Access Control Web Application* • Tools:Python, HTML/CSS, OpenCV, MySQL • Built a secure login system with RBAC and facial recognition. • Developed separate dashboards for users and admins.
03/2025 – 04/2025	**Beginner-Level Projects** • **Wireshark HTTP Analysis:** Captured and inspected live HTTP traffic and request/response headers. • **Nmap Automation Script:** Automated host scans and port discovery using Python + Nmap. • **Port Scanner:** Built a basic port scanner using socket programming and Nmap. • **Web Crawler:** Extracted website links and content using Python • **Linux Log Analysis:** Analyzed system logs for failed login attempts using grep and awk.

Academic Achievements

28/06/2023	**Techno-Vision : Technical Paper Presentation** Secured 1st prize for presenting technical paper on the topic : *"The Dark Web"*
06/01/2023	**Techno-Vision:Debugging & Coding** Secured 2nd prize in a coding and debugging competition.
20/01/2023	**Debate Competation** Participated in Inter-College Debate Competition (Topic: In-Favour of Artificial Intelligence) held at Vidya Vardhaka Sangha , First Grade College
24/02/2021	**Singing Competation** Awarded 1st prize for performing in the theme "*Puneeth Rajkumar Hits.*"

Languages

German ● ○ ○ ○ ○   English ● ● ● ● ○

Interests

• Swimming   • Animal Welfare