

# S DEVA KUMAR

A CYBERSEC RESEARCHER, INNOVATOR.

"DATA IS THE NEW CURRENCY"

## CONTACT

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- Atria Institute Of Technology
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## SKILLS

- Operating Systems(Linux/Win)
- Databases (MongoDB)
- Problem Solving
- Networking
- Version Control (Git)
- System-Level Problem Solving
- Adaptability to Change
- Creative Thinking, Innovator
- Vulnerability Analysis
- Innovation Guider

## LANGUAGES

- English (Fluent)
- Tamil (Fluent)
- Hindi (Fluent)
- Kannada (Fluent)
- Telugu (Understandable)

## CONTACT

- Dev-0618
- dev0root
- Dev@127.4.7.8

## PROOF OF WORK

- Git VTU Labs
- Gen-AI VTU Labs
- mongo-DB VTU Labs
- dev0root: Mentor
- zaptoz Phishing Audit



## PROFILE

As a crafted cybersecurity researcher and a tech enthusiast, I have three main interests: building, breaking, and teaching. My favorite way to spend time is learning a something new each day and I often create simulations to introduce the concept of cybersecurity from the ground up. So whether it's a deep dive into OSINT, a framework for phish, or wifi attack - I much prefer to show rather than tell.

I get to mentor and advise other students working on projects, and I take time with students and pay attention to each stage of the project, from concept to prototype and end product. I am responsible for technical outreach, lab work, and community awareness as the President of the AIT Cyber Security Club to give the community an upper hand when faced with real threats.

My main areas of interest are blue and red teaming, everything involving OSINT, researching phishing attacks, and creating targeted phish tools to simulate adversary techniques in a controlled environment.



## PROJECTS

### Risk Assessments & Audits

- PostMan — Email-based testing and templated messaging CLI tool for phishing simulation campaigns.
- BITB-demo — Interactive live demo of a Browser-In-The-Browser (BITB) attack.
- text2bat — Python tool to auto-generate Windows BAT payload scripts for red-teaming.

### Networking Fundamentals (TCP/IP, Wi-Fi, Firewalls)

- EvilTwin-ESP8266 — Complete Evil Twin Wi-Fi attack with ESP8266 having web UI-based network scanning and spoofing.
- BLE-Spammer — BLE advertisement spamming tool with Arduino + HM-10 module.
- Linuxgame — Browser-based security and Linux simulations for educational use



## CERTIFICATION

- CompTIA Linux+: Securing Linux  
Computer Networking · Linux · Linux System Administration · Linux
- Certified WiFi Pentesting 101  
Covered Deauth Attacks, Spam Broadcasting, and Captive Portal
- Ethical Hacker: Wireless Hacking Tools  
Wireless Networking · WiFi · Penetration Testing · passwd cracking
- Prompt Engineering: Covering Tracks with GenAI  
Prompt engineering



## EDUCATION

- 10th STATE - 61% (2020)
- 12th STATE - 65% (2022)
- Atria Institute Of Technology (Currently):  
B E Computer Science & Data Science

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## EXPERIENCE

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### Operating Systems (Windows, Linux)

Experience of using :

- **Windows 10-11**
- **Kali Linux**
- **Parrot OS Security Version**
- **Ubuntu 22.04 LTS**

- Performed a comprehensive security analysis **unofficially** of a email phishing attack on [Zaproxy.com](https://zaproxy.com), breaking down the attack sequence, **determining SPF/DKIM** vulnerabilities, and offering **solution steps** in a detailed report.
- Led a **targeted OSINT investigation** on [atria.edu](https://atria.edu) (My college portal), harvesting sensitive staff information such as Aadhaar IDs, emails, and phone numbers from publicly available sources — demonstrating the institution's vulnerability to targeted phishing or social engineering attacks.
- Discovered a **Meta AI WhatsApp** at its early stage, where user data was inadvertently disclosed. The finding entailed input validation and prompt-context exploitation, exposing AI vulnerabilities.
- Skilled in **network traffic analysis** using **Wireshark**, Bettercap, Ettercap and related security tools, with experience in **capturing, dissecting, and interpreting packets** to identify anomalies, **detect potential threats**, and **validate attack simulations** — applied in both training workshops and real-world vulnerability investigations.
- **Consistently conduct and coordinate cybersecurity awareness classes, hands-on labs, and red teaming simulations** at Atria Institute of Technology to train peers and employees.
- **Was assigned the following leadership positions:**
  1. **Discipline Committee Member** – [IUCEE](https://iucee.org), Batch 2023–24
  2. **Vice President** – [IUCEE](https://iucee.org), Batch 2024–25
  3. **President** – [Cybersecurity Club AIT](https://cyberclubait.com), Batch 2025–26 (appointed by college management directly)
- **Mentor students on cybersecurity and tech-based projects** — from prototyping to final implementation — across various domains such as hardware, Wi-Fi security, phishing, and OSINT.