

AMITH N

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[Linkedin](#) | [Github](#) | [StackOverflow](#)

OBJECTIVE

A technically versatile professional with dual expertise in **Cybersecurity** and **Data Analytics**. Experienced in **Vulnerability Assessment and Penetration Testing (VAPT)**, ethical hacking, and securing web applications against OWASP Top 10 threats. Simultaneously skilled in **data cleaning, analysis, and visualization** using Python, SQL, and BI tools. Proven ability to build secure, data-driven web applications and IoT systems. Actively engaged in bug bounty hunting and self-driven labs to enhance real-world problem-solving skills.

- **Ranked 1st in HackerRank for SQL**
- **Cybersecurity Certification** – SpidervellA Technologies Pvt Ltd (ISO 9001:2015)

WORK EXPERIENCE

SpidervellA Technologies Pvt Ltd, Bengaluru

June 2024 – Present

Software Development Intern – Cybersecurity Tools

- Developed internal web tools using **Python, Django**, and **MySQL**, focusing on secure, scalable backends.
- Built modules for **user authentication, form validation**, and **access control**, aligned with **OWASP** standards.
- Identified and fixed multiple **input validation flaws**, reducing risk of injection attacks by **70%**.
- Improved application reliability by **refactoring core modules** and implementing **secure error handling**.

Self-Driven Projects

June 2024 – Present

Ethical Hacker – Personal Lab Environment

- Created a full-fledged hacking lab using **Kali Linux, Metasploitable**, and **Mr. Robot**, simulating real-world targets.
- Built custom Python tools for **automated reconnaissance, brute-force**, and **geo-tracking** with detailed logging.
- Discovered and exploited **15+ vulnerabilities** across test environments using **OWASP Top 10** as a guide.
- Strengthened personal projects (**e-commerce & IoT-based attendance system**) through custom VAPT and hardening.

EDUCATION

Christ University, Bengaluru

2024 – 2027

B.Sc Data Science And Statistics

- Completed 1st year | **CGPA: 3.05/4**

Surana IND College, Bengaluru

2022 – 2024

Commerce | BASM

- **Percentage : 90.67%**

PROJECTS

Web-Based Phishing Tool

- Built a phishing simulation platform using **Python, Django**, and **Cloudflare Tunnel** to test credential harvesting techniques.
- Captures user data (IP, device info, credentials) in real time for ethical testing and awareness training.

E-Commerce Website

- Developed a secure e-commerce site with **user roles, access control**, and **sanitized form handling**.
- Implemented key security practices like **CSRF protection, session management**, and **admin-level controls**.

GeoLocater

- Created a Python tool to extract **IP-based geolocation** and **device info** via browser interaction.
- Used for internal simulations and red team-style tracking during ethical hacking exercises.

IoT-Based Attendance System

- Built a smart attendance system using **ESP32-CAM** for **face recognition** and automated logging.
- Secured communication and access with custom **authentication logic** and **role-based dashboard integration**.

SKILLS

- **Cybersecurity:** VAPT, OWASP Top 10, Kali Linux, Metasploit, Burp Suite, Network Security
- **Languages & Tools:** Python, SQL, Django, MySQL, Pandas, NumPy, OpenCV, Excel
- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Analytics:** EDA, Descriptive Statistics, Forecasting, Regression, Hypothesis Testing
- **Other:** Git, Jupyter, IoT (ESP32), Web Security