

Atharva Khanvilkar

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[LinkedIn](#) | [GitHub](#) | [TryHackMe](#) | [Website](#)

Education

Vivekanand Education Society's Institute of Technology

Dec 2021 - June 2025

BE in Artificial Intelligence & Data Science - Mumbai | Cumulative GPA: 7.82 / 10

Experience

Graduate Engineer Trainee (NOC) - African Industries

Oct 2025 - Present

- Monitor critical network devices, servers, and data-center systems for uptime, performance, and real-time alerts.
- Support incident logging, basic troubleshooting, and coordination during preventive maintenance and system updates.

IT Intern - UpGrad

Sept 2025 - Oct 2025

- Supported employees with technical issues, laptop setup, and troubleshooting.
- Managed helpdesk tickets and coordinated with IT teams for timely resolutions.

Engineering Intern (Cyber Security) - Raise Financial Services

June 2025 - July 2025

- Conducted web application security testing and API security testing to identify and report vulnerabilities using industry-standard tools and OWASP methodologies.
- Assisted with AWS cloud security operations by contributing to the setup of automated data backup and disaster recovery mechanisms.

Projects

Home Lab | [Project link](#)

- Set up a Home Lab on Ubuntu Linux to explore self-hosting capabilities, including deploying Dockerized services like Immich for photo backup, Jellyfin for media streaming, and Radarr.
- Implemented secure remote access to the server using Tailscale, enhancing network security and accessibility.

Relay | [In Progress](#)

- Building a secure communication platform to replace unsafe credential exchange over email or chat with end-to-end encrypted communication using Public Key Cryptography.
- Implemented JWT authentication with token revocation, secure key management, and APIs for encrypted message exchange and user presence tracking.

Enabled | [Project link](#)

- Enabled is a community platform app specially designed for People With Disabilities (PWDs).

Honours & Awards

e-YIC Regional Finalist | [Certificate link](#)

- Developed Enabled, earning regional finalist status in e-Yantra Innovation Challenge.

Courses & Certifications

CompTIA Security+ (SY0-701) | CompTIA | [Certificate link](#)

- Built knowledge in security fundamentals, risk management, network security, and incident response.

Google Cybersecurity Specialization | Google | [Certificate link](#)

- Gained hands-on experience in Cybersecurity fundamentals, Network security, SIEM tools, Linux, and SQL.

TryHackMe Jr. Penetration Tester | TryHackMe | [Certificate link](#)

- Acquired practical skills in Vulnerability assessment, Exploitation techniques, Network enumeration, and using industry-standard tools like Nmap, Burp Suite, and Metasploit.

Skills

Languages: Python, SQL, Bash/Shell Scripting.

Tools & Technologies: Linux, Operating Systems, Computer Networks, Network Security, TCP/IP, DNS, DHCP, VPN, Vulnerability Assessment, Penetration Testing, Ethical Hacking, Incident Response, Cloud Security, IAM, OWASP Top 10, Data Backup, Disaster Recovery, Server Management, Virtualization, Troubleshooting, Active Directory, Burp Suite, Docker, Firewalls, Git, Metasploit, Nmap, OSINT, SIEM Tools, Wireshark.