

Surya Kiran Anil

Penetration Tester | Cloud Practitioner | Cybersecurity Enthusiast

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Profile

Enthusiastic programmer skilled in Penetration Testing, Python, Ethical Hacking with a keen interest in Cybersecurity and Social Engineering. Possesses Ethical Hacking Skills and a passion for problem-solving and innovation.

EDUCATION

Present Bangalore	Internshala Trainings <i>Full-Stack Developer with AI</i>
07/2025 – Present Calicut	Red Team Hacker Academy <i>Certified Penetration Tester (CPT)</i>
08/2023 – Present Bangalore, India	St.Benedict Academy , Bangalore University <i>Bachelor of Computer Application</i>
03/2025 – 04/2025 Trivandrum	Red Team Hacker Academy <i>Certified Ethical Hacker (CEH)</i>

WORK EXPERIENCE

10/2025 – 10/2025 Bangalore	Full-Stack Web Developer – Restaurant-Billing-POS-System <i>Self Initiated</i> Stack: React, TypeScript, Tailwind CSS, client-side routing, analytics/dashboard components <ul style="list-style-type: none">Developed a modern restaurant POS front-end that supports menu management, real-time billing, order flows, and an analytics dashboard.Built a responsive UI with Tailwind CSS and TypeScript for type-safe component APIs and predictable behaviour.Implemented billing flows (item selection, modifiers, discounts, tax handling) and printable receipts capable of integration with backend or local print solutions.
05/2025 – 04/2025 Remote	CTF Developer – OperationJaiva <i>Gamified Vulnerable Cloud Lab</i> <ul style="list-style-type: none">Designed a full-stack vulnerable cloud simulation lab using FTP, SSH, Web, and reverse shell triggers, mimicking IAM failures and insecure APIs.CTF challenge, covering steganography/logic puzzles.Built internal services with Python + Bash scripts to simulate cloud function abuse, scheduled tasks, and log analysis mechanisms.
06/2025	Network & Security Tools – WiFiBlockTool <i>Self Initiated Projects</i> <ul style="list-style-type: none">Developed an open-source WiFi network control utility enabling device blocking/unblocking, monitoring and basic parental/control features.Implemented device discovery and access rules, and documented mitigation/ethical considerations for administrators.

- Provided modular scripts for integration with router management workflows and monitoring dashboards.

06/2025 – 07/2025
Sharjah

Penetration Tester and Network Security Auditor

Intern

- Performed full-scope **internal network penetration testing** simulating real-world attacker scenarios, covering routers, CCTV, FTP, SMB, and web interfaces.
- Gained access to the company's **IP-based CCTV system**, analyzed its JS source, and revealed internal services, login logic, and weak plugin version controls.
- Enumerated and interacted with **SMB shares** and discovered Windows 7 machines vulnerable to **SMB null sessions** and **unauthorized share access**.
- Discovered open UPnP and RDP ports on WAN interfaces, raising critical red flags for **public network exposure** and weak segmentation.
- Delivered a detailed **professional pentest report** (PDF) including risk ratings with necessary actions to be taken immediately

PROJECTS

02/2025 – 03/2025

Phishing Awareness Simulation

Host realistic phishing simulation pages (like Gmail, Facebook) for non-malicious awareness training.

Developed a fully interactive phishing awareness platform to educate users on how phishing attacks work and how to avoid them with realistic phishing simulation pages (fake login portal mimicking popular services) for safe, non-malicious training.
Bangalore, India

04/2025 – 05/2025

Real-Time Weather App Using AWS Lambda + OpenWeather API

A serverless function fetches weather data from OpenWeather API based on user's city input. Built using Python, deployed on AWS Lambda with API Gateway as the entry point. Frontend integrated via simple HTML + JS, hosted on S3.

12/2025 – Present

AI-Enhanced Chat-Bot for Cybersecurity Application

- Educated peers on cybersecurity
- Conducted vulnerability assessments and penetration testing on network with detailed penetration test reports, findings and recommendations.

VAPT Report with actionable recommendations

- Security measures including WPA3, Device access Control,
- Critical Vulnerability of FileUpload Reverse Shell

Contact : Genz Educate Wing - support@genzeducatewing.com

Designed and deployed the chatbot as an Android APK using XML layout design and Android Studio, ensuring smooth mobile integration.

ChatBot

- Real time Cybersecurity Q&A Response

05/2025 – 05/2025

Capture the Flag(CTF) Exploitation Lab

A Custom Virtual Lab Environment for Practicing Privilege Escalation and Exploitation Techniques

- Built a custom CTF-style lab with vulnerable Ubuntu VMs for hands-on exploitation.
- Includes real-world misconfigurations (SUID, cron jobs, PATH hijack, kernel exploits).
- Designed for practicing privilege escalation and exploitation techniques.
- Each machine contains CTF flags and hints for guided escalation challenges.
- Tools used: Nmap, LinPEAS, pspy, GTF0Bins, custom Python/Bash scripts.

03/2025 – 03/2025

Live COVID-19 Tracker Web App

A Real-Time Global & Country-Specific COVID-19 Dashboard Public API

- Live worldwide COVID-19 statistics (confirmed, recovered, deaths)
- Country-wise search
- Realtime updates via API
- Mobile-friendly Bootstrap UI
- Pie chart or bar graph visualization

SKILLS

Cloud Computing (AWS)

Cloud Security

AWS Deployment

Cyber Security

Penetration Testing

OWASP

Vulnerability Exploits

Python Developer

Web development

CERTIFICATIONS

Python Developer

03/2025

Certified Ethical Hacker (CEH)

05/2025 - 09/2025

Certified Penetration Tester (CPT)

07/2025 - Present

LANGUAGES

English

Full Professional Proficiency

Tamil

Limited Working Proficiency

Hindi

Professional Working Proficiency

Malayalam

Full Professional Proficiency

Organizations

Technical Department | **Tech Fest Volunteer** | **Online Learning Platforms** – JetBrains, Hackerranks, TryHackMe, GitHub Communities | **Open-Source Communitie** – Google Developer Student Clubs | **Tech Fest Event Coordination Voluntary** – St Joseph College • Kannur, Kerala