

AHSAN LATIF

Cyber Security & Full Stack Developer

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Summary

BSc Computer Science (Cybersecurity) graduate who builds and secures full-stack systems end to end - backend, database, infrastructure, and frontend. Sole architect of a live, in-production operations platform built to OWASP Top 10 standards, backed by a range of self-built projects spanning ML, security tooling, and full-stack products, and 50+ lab-tested vulnerabilities across simulated enterprise networks.

Comfortable across Node.js, Python, MySQL, Redis, Nginx, and Linux VPS, pairing practical offensive security with secure backend engineering.

Experience

Full-Stack & Security Engineer

Dec 2025 - Present

MYVTSG GLOBAL HEADQUARTERS - Contract Developer - Abu Dhabi, UAE (Remote) - [View Full Report](#)

- Sole architect and engineer of a live production intranet and operations platform - backend, database, security, frontend, server, and deployment.
- Built secure auth: JWT access/refresh with token-rotation and reuse detection, email-OTP verification, and Google OAuth2 SSO across a 5-role RBAC model (Guest/Student/Staff/Admin/Member), enforced at both page and API level.
- Engineered a digital-contract and enrollment workflow (Draft -> Sent -> Signed -> Paid -> Active) with automated invoicing on payment.
- Integrated Stripe for one-off purchases, recurring subscriptions, and per-session payments with webhook-driven access control; shipped a product store with orders and analytics.
- Built a real-time booking and scheduling engine: custom calendar with availability and conflict detection across dual booking flows.
- Delivered an admin control center and real-time Security Monitor - searchable audit log, anomaly alerts, live session revocation, GeoIP, and a Redis-backed IP blacklist.
- Hardened the stack to OWASP Top 10: Nginx reverse proxy, HSTS, strict CSP with per-request nonces, tiered rate limiting and brute-force protection, parameterised queries, bcrypt, and a self-auditing security script.

Web Developer & Infrastructure Engineer

Aug 2025 - Oct 2025

LinFaMoGun- Contract Developer - Brazil (Remote) - [View Full Report](#)

- Rebuilt a legacy site as a modern, mobile-ready static build with HTTPS/SSL enforced even on a purely informational property.
- Consolidated domain, DNS, hosting, and email onto a single stack (Hostinger, Cloudflare) with no data loss or downtime, preserving existing email/MX configuration.
- Added Cloudflare bot protection to cut spam and improve reliability.
- Delivery quality led directly to an expanded contract with the parent organisation, MYVT SafeGuard.

University of Wollongong - Course - Dubai, UAE (On Site)

- Exploited 50+ vulnerabilities across 10 simulated enterprise environments, spanning the full attack chain from recon to post-exploitation.
- Performed network attacks, OWASP Top 10 web exploitation (SQLi, XSS, SSRF, IDOR), and Linux/Windows privilege escalation using Metasploit, Nmap, and Burp Suite.
- Ran Active Directory attacks - Kerberoasting, Pass-the-Hash and lateral movement across domain-controller environments.
- Mapped techniques to MITRE ATT&CK and the Cyber Kill Chain, proposing mitigations aligned to OWASP, NIST, and CIS controls.

Key Projects

PhishGuard - ML Phishing Detector + URL Sandbox*Python, XGBoost, scikit-learn, Node.js, Express, Puppeteer*[View Full Report](#)

- Trained on 131,000+ real phishing and legitimate URLs, the model scores any link across 111 signals and returns a 3-tier verdict - Legitimate, Suspicious, or Phishing. The standout feature is the live sandbox: instead of you visiting the page, a throwaway server-side browser opens it for you and captures 3 timed screenshots at different intervals, catching tricks like fake login forms that inject seconds after load. You see exactly what the page does without ever touching it.

WiFiMeNow - Wireless Security Assessment Tool*Python, Scapy, Aircrack-ng, Linux*[View Full Report](#)

- Started as a university project, but it ended up being genuinely useful throughout the course - the kind of tool you actually reach for during labs rather than just submit and forget. Everything is automated in one CLI workflow: scan nearby networks, identify targets, run a deauth attack to force a handshake, and crack the password, all without juggling separate tools. Handles adapter setup and interface management automatically so you can go from nothing to a full assessment report with minimal friction.

BeatSnatch - MP3 Audio Downloader*Node.js, Express, yt-dlp, FFmpeg, SSE, Helmet*[View Full Report](#)

- Every free MP3 site is the same story - broken links, popup ads, fake download buttons, and half the time the wrong file. So I built my own. Search a track, preview it seekable right in the browser before committing, and download a clean tagged 192K MP3 straight to your machine. No ads, no redirects, no installs. It also self-updates its scraping engine daily so it keeps working long after those sites have broken.

Notable Achievements

- Founded and scaled a technical Discord community to 12,000+ members; built custom moderation/anti-raid bots that cut manual moderation workload ~80% (per staff feedback).
- University peer tutor - simplified complex CS and cybersecurity concepts for fellow students.
- Freelanced custom bot and automation solutions for multiple clients.

Education

BSc Computer Science - Cybersecurity Major

Graduated Sep 2022 - Sep 2025

University of Wollongong in Dubai, UAE