

ADAM MOSTOFI

Full-Stack & AI Engineer | IT Support & Networking

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SUMMARY

Information Technology graduate (LIU, 2026) who ships full-stack web applications, applied-AI tooling and workflow automation, backed by Cisco CCNA-track networking and hands-on IT support. Delivered 5+ production websites, built automation that non-technical staff adopted on day one, and fine-tuned an NLP model to 92.3% accuracy. Owns problems end to end: scoping with non-technical stakeholders, building, deploying and supporting.

EXPERIENCE

IT Support Intern — Lebanese International University

Beirut · 2026

- Diagnosed workstation hardware faults (VGA, power supplies, motherboards) with structured, software-first troubleshooting and multimeter testing.
- Resolved lab connectivity faults at the switch level across campus infrastructure; deployed and cloned Windows images with Macrium Reflect and Sysprep, and documented root causes.

Web Developer & AI-Augmented Engineer — Command Net Solutions

Beirut · Feb 2025 – Nov 2025

- Delivered 5+ production client websites on deadline (WordPress/Elementor with hand-written HTML, CSS and JavaScript) and improved page-load speed by ~40%.
- Used AI tools across the development lifecycle for code generation and debugging; coordinated delivery with cross-functional stakeholders in Lark and Trello.

AI Automation Engineer — Kaaki Real Estate

Beirut · 2024 – 2025

- Turned "listings take too long to process" into a Google Forms → Sheets → Apps Script pipeline that agents adopted as their default submission method on day one.
- Built a listing filter and an automated PDF brochure generator so staff could self-serve without engineering help; sole technical resource for network setup, hardware and backups.

PROJECTS

- **ADAM:** local neuro-symbolic AI, in development (V0.8). A symbolic inference kernel, three-store memory (SQLite, LanceDB, NetworkX) and a learning loop that compiles proofs into rules. *Python, Flask, pytest*
- **CodeSentinel:** security scanner that unifies Bandit, Safety and Semgrep with a 0–100 risk score and LLM-assisted fixes; Dockerized for 8 GB RAM hosts. *FastAPI, Next.js, SQLite, Docker, Groq*
- **compliance-rag:** hybrid retrieval (dense + BM25, RRF fusion, cross-encoder rerank) that answers security-policy questions with section citations; prototype. *FastAPI, Qdrant, Llama 3.3*
- **Art Gallery Fakih:** bilingual EN/AR storefront with a Payload CMS admin, so staff manage products, blog and theme with zero code changes. *React 19, Next.js, TypeScript, Payload CMS*
- **NLP Emotion Classification:** fine-tuned DistilBERT to 92.3% accuracy, 37 points above zero-shot LLMs; analysed class imbalance. *PyTorch, Transformers, scikit-learn*
- **Field Tools:** four dependency-free Bash utilities for industrial gateways (log triage, health checks, verified backups) and a subnet scanner for Modbus TCP port 502. *Linux, Bash*

SKILLS

Languages & Web: Python, TypeScript, JavaScript, SQL, Bash · React, Next.js, Astro, Node.js, Express, FastAPI, Payload CMS, Tailwind CSS, REST APIs, JWT

AI & Data: LLM integration (Claude, Groq), RAG, prompt engineering, PyTorch, Transformers, scikit-learn, Pandas

Networking & Systems: TCP/IP, subnetting, VLANs, routing & switching, ACLs, NAT, DNS/DHCP, Cisco Packet Tracer, Linux, Windows Server, Active Directory, Modbus TCP

DevOps & Tools: Docker, Git, CI/CD, Cloudflare, Vercel, Render, MySQL, SQLite, Turso, n8n, Google Apps Script

EDUCATION & CERTIFICATIONS

B.S. Information Technology — Lebanese International University

Beirut · June 2026

Coursework: Network Security, Cryptography, Machine Learning, Natural Language Processing, Interconnecting Networks (WANs), Data Structures

Cisco Networking Academy: CCNA: Switching, Routing & Wireless Essentials (Jan 2026) · CCNA: Enterprise Networking, Security & Automation (Jun 2026) · Network Security Specialist (Jun 2026)

Languages: Arabic (native), English (fluent)