

DAVID KHOURY

Systems & Network Engineering Student | Full Stack Developer Intern

📍 Zahle, Lebanon ✉ david12khoury@hotmail.com ☎ +961 70618637

🌐 [linkedin.com/in/davidkhoury-engineer](https://www.linkedin.com/in/davidkhoury-engineer) 🏠 github.com/DK7234 🔗 david-khoury.vercel.app

Profile

Systems & Network Engineering student at Antonine University with hands-on experience in full stack web development, cybersecurity, networking, and cloud technologies. Currently a Full Stack Developer Intern at Steptomedia, developing a Social Media Publisher SaaS using Next.js, React, Tailwind CSS, Prisma, MySQL, and Cloudflare R2 with Facebook, Instagram, and TikTok API integrations. Passionate about building secure, scalable applications and continuously expanding expertise in software engineering, cybersecurity, and cloud technologies.

EDUCATION

Bachelor of Engineering in Computer and Communications (Master Level) 2022 – Present
System Engineering and Networks, Antonine University, Lebanon

High School Diploma of General Secondary Education General Science Branch, 2019 – 2022
Maronite's Sister School- Saint Elie Dhour zahle

Professional Experience

Full Stack Developer Intern, Steptomedia ✉ July 2026 – Present
Remote, Beirut, Lebanon

- Developed a production-ready Social Media Publisher SaaS using **Next.js**, **React**, **Tailwind CSS**, **Prisma**, **MySQL**, and **Cloudflare R2**.
- Integrated the **Facebook Graph API**, **Instagram Graph API**, and **TikTok Content Posting API** to enable secure multi-platform social media publishing.
- Designed and implemented **RESTful APIs**, OAuth authentication, media upload workflows, and cloud-based media storage.
- **Developed analytics features** to monitor post performance, engagement metrics, and publishing history across Facebook, Instagram, and TikTok.
- Collaborated directly with the Founder & CEO to deliver new features, troubleshoot issues, and improve application performance in an agile software development environment.

PROJECTS

BloodHound Active Directory Attack Path Lab
BloodHound CE, SharpHound, GoPhish, Active Directory, Windows Server 2022, Kali Linux, Neo4j
GitHub: <https://github.com/DK7234/bloodhound-ad-lab> ✉

Cybersecurity Tools Portfolio
Python, Scapy, Socket Programming, Multithreading, Regex, Cryptography
GitHub: <https://github.com/DK7234/security-projects> ✉

Forest Fire Prevention IoT System using Microsoft Azure
Microsoft Azure, Azure IoT Hub, Azure Machine Learning, Cloud Computing, Internet of Things (IoT)

Linux Recon Tool

Bash, Linux, Kali Linux

GitHub: <https://github.com/DK7234/recon-tool> 

Automated IP Reputation Checker

n8n, VirusTotal API, Slack, Docker

GitHub: <https://github.com/DK7234/n8n-security-workflows> 

Network Device Inventory Tool

Python, Socket Programming, CSV, Virtual Environment

<https://github.com/DK7234/network-inventory-tool> 

Technical Skills

Programming: — Python, JavaScript, TypeScript, Java, C++, Bash, SQL

Web Development: — Next.js, React, Tailwind CSS, Node.js, Express.js, Prisma ORM, HTML5, CSS3, RESTful APIs, OAuth

Cloud, DevOps & Databases: — Microsoft Azure, Cloudflare R2, Docker, Git, GitHub, Azure IoT Hub, Azure Machine Learning, MySQL, MongoDB, Microsoft SQL Server

Cybersecurity: — Active Directory, BloodHound CE, Windows Server, Kali Linux, Wireshark, Burp Suite, Nmap, Gobuster, Hydra, John the Ripper, Metasploit, Scapy, Hack The Box

Networking: — Cisco Networking, Routing & Switching, Network Design, TCP/IP, VLANs, Linux

CERTIFICATIONS

- Junior Cybersecurity Analyst Career Path
- Network Defense
- Endpoint Security
- Cyber Threat Management
- Introduction to Cybersecurity
- CCNA: Enterprise Networking, Security, and Automation
- CCNA: Switching, Routing, and Wireless Essentials
- CCNA: Introduction to Networks

LANGUAGES

English

Level B2

Arabic

French