

Roman Salamzada

IT Student - Backend Development, Cybersecurity, Systems & Local AI

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Summary

Motivated and versatile BTS SIO (SLAM) student with hands-on experience in secure backend development, Linux systems, cybersecurity, IT support, computer hardware, and self-hosted AI. Driven by technical curiosity and a strong habit of independent research, practical experimentation, and project-based learning. Recognized for analytical thinking, persistence, adaptability, and the ability to learn complex technologies independently.

Skills

Languages & Development

C#, Python, PHP, C, JavaScript, SQL, ASP.NET Core, Entity Framework Core, REST APIs, PDO, MySQL/MariaDB.

Systems & Infrastructure

Linux, Docker, Docker Compose, Nginx, Git/GitHub, MySQL backup/restore, Bind9, VLAN, NAT, firewall rules, port forwarding, and local self-hosting.

Cybersecurity

Hack The Box - Level 26, Rank: Apprentice; Nmap, Wireshark, ffuf, Responder, Hashcat, SQLMap, JWT/session security, and password auditing.

AI & Automation

Ollama, OpenClaw, local LLM deployment, WhatsApp integration, agent instruction/configuration files, tool-execution rules, and integration troubleshooting.

Hardware & IT Support

Diagnostics, assembly/disassembly, component upgrades, operating-system installation, software setup, and troubleshooting of desktops, laptops, and mobile devices.

Work Experience

Backend Developer Intern - Lycée Professionnel Jean Jaurès, Aubusson

May - Jul 2026

- Designed and developed the backend of PFMP Manager using ASP.NET Core, Entity Framework Core, and MySQL; built secure REST APIs, role-based access control, JWT authentication, refresh-token rotation, token-family revocation, and browser-fingerprint protection.
- Containerized the API, database, and Flutter web application with Docker Compose; configured Nginx, persistent storage, MySQL backup/restore workflows, and a self-hosted test environment using firewall and network configuration.
- Worked in a two-person team, owning backend, database, security, Docker, and Nginx while coordinating API integration with the Flutter developer; prepared an extensible codebase for future teacher-facing modules and production deployment.

IT Support Technician - CO'ORDi, Guéret

6 January 2025 – 13 August 2025

- Diagnosed and resolved hardware and software issues on desktops, laptops, and mobile devices; performed assembly, disassembly, maintenance, upgrades, operating-system installation, and software configuration.
- Prepared gaming PC setups and provided practical technical assistance to users.

Bartender - Nicosia, Cyprus

Jan - Jul 2023

- Strengthened customer service, communication, teamwork, organization, and problem-solving skills in a fast-paced international environment.

Projects & Technical Training

(1) Local AI Agent - Ollama, OpenClaw & WhatsApp

Local LLM | Self-hosted

Deployed a local AI agent on a personal computer using Ollama and OpenClaw, connected it to WhatsApp, and configured agent instruction files that define behavior and execution rules before tools are used. Researched, tested, and troubleshooted the full local integration.

(2) PHP Authentication System

PHP | PDO | MariaDB | Security

Learning and portfolio project organized with an MVC-style structure using PHP, PDO, MariaDB/MySQL-compatible SQL, Composer/phpdotenv, and Apache/XAMPP. Implements registration, login, protected profile, and logout with PHP sessions, password_hash/password_verify, PDO prepared statements, and basic output escaping. Records failed logins and includes a MariaDB BEFORE INSERT trigger.

(3) Tonton Primeur

C# | WinForms | ADO.NET | MySQL

Windows Forms learning project using C#, ADO.NET/MySqlConnection, and MySQL/MariaDB: CRUD for articles and suppliers, DataGridView display, ComboBox supplier association, sorting, parameterized SQL, and confirmation prompts.

(4) 42 School, Hack The Box & Holmes CTF 2026

C Programming | Cybersecurity | Blue Team / DFIR

Completed an intensive four-week C program in Angoulême and practical HTB Academy modules in Linux, networking, enumeration, web security, password auditing, Windows, and authorized offensive-security labs. Hack The Box - Level 26, Rank: Apprentice. Holmes CTF 2026 - The Reichenbach Directive: first CTF, solo Blue Team / DFIR participation.

Education & Certifications

BTS SIO - Software Development track (SLAM), two-year French higher-education IT diploma - Lycée Eugène Jamot, Aubusson - 2025-2027

MCSE Training Program - InfoTech Kamgar, Afghanistan

Cisco Networking Academy - C Essentials 1 - 2026

Languages: Dari (native), Urdu (fluent), French (B2-C1), English (fluent).