Joseph Abou Antoun

B.S. in Information Technology CSIT

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Lebanese Australian github.com/JosephDoesLinux linkedin.com/in/joseph-abou-antoun-365663365

High-achieving IT Graduate & Tech Hobbyist. Dedicated IT enthusiast with a strong foundation in System Administration, Networking, and Software Development. A proactive power user and fast learner with extensive hobbyist experience in Linux (GUI/CLI) server environments and computer repair. Eager to apply my adaptability and technical troubleshooting skills to practice.

EDUCATION

Bachelor of Science Information Technology 01/06/2026
Lebanese International University Tripoli, Lebanon
Dean's List: Fall 2023 - 2024, Spring 2023 - 2024, Spring 2024 - 2025, Fall 2025 - 2026 3.8 / 4 GPA

High School Diploma 01/06/2023
Al Kalima School - St.Anthony Zgharta, Lebanon
Lebanese Baccalaureate – Life Sciences 14.333 Score

PROFESSIONAL EXPERIENCE

Internship 07/2026 – 08/2026
OGERO Telecom Tripoli, Lebanon
Learning the ropes of Lebanon's national telecommunications infrastructure and backbone network operations.

CERTIFICATIONS

- **CCNA: Introduction to Networks** — Cisco Networking Academy
- **Cisco Network Security** — Cisco Networking Academy
- **Cisco IT Essentials** — Cisco Networking Academy
- **CCNA: Enterprise Networking, Security, and Automation** — Cisco Networking Academy

LANGUAGES

Arabic — Bilingual or Proficient (C2) • **English** — Bilingual or Proficient (C2) • **French** — Beginner (A1)

SKILLS

Linux & Windows System Administration • Networking & Cisco Technologies (CCNA-Level) • IT Support & Troubleshooting • Cybersecurity Fundamentals • Server Management & Active Directory • Web Development (React, Node.js, PHP) • Database Design & SQL • Mobile App Development (Flutter, Android) • Command-Line Tools & Automation • Hardware Integration & Arduino Projects • Cloud Hosting & Deployment • Open-Source Systems & Self-Hosting • Telecommunications • Fiber Optics • Local AI Systems • Agentic Workflows • NVIDIA CUDA

CORE TECHNICAL SKILLS

- Microsoft Office & LibreOffice (Word, Excel, PowerPoint, Calc, Writer).
- Windows, macOS, and Linux environments.
- Strong experience with both GUI and command-line interfaces, especially on Linux.
- Fast learner with the ability to quickly adapt to new tools, systems, and workflows.
- Extremely proficient with Linux Operating Systems and Headless Servers.

PROGRAMMING & DEVELOPMENT

Programming Languages & Tools
Java, C#, JavaScript, PHP, SQL, Dart, C (Beginner Threading & Forks) & C (Arduino)

Web Development
Frontend: HTML, CSS, Bootstrap, React, TailwindCSS Backend: Node.js (REST APIs), PHP

Databases
MySQL, PostgreSQL, SQL Server

Mobile Development
Flutter (Android apps) Android app development and deployment fundamentals

ACADEMIC & PRACTICAL EXPERIENCE

Built full-stack web applications with: React frontend + Node.js REST API backend PostgreSQL and MySQL databases Proper deployment and hosting (Render, Railway, InfinityFree) Developed Windows desktop applications using: Visual C# WinForms ADO.NET with SQL databases Admin dashboards and user management systems Designed and implemented mobile applications using Flutter with database integration.

PROJECT HIGHLIGHTS

- **ReactJS / NodeJS / PostgreSQL Full-stack:** Developed a full-stack music records web platform with admin dashboard (React, Node.js, PostgreSQL).
- **Full-Stack Flutter / Android w/ PHP-SQL Backend:** Created a Flutter to-do list mobile app with MySQL backend and cloud hosting.
- **C# Windows App:** Built a Windows-based university registration system with admin panel using C# and SQL.
- **Windows Server:** Implemented a Windows Server FSRM project with quotas, file screening, automation, and reporting.
- **Legacy PHP:** Created a PC shopping website using PHP, HTML, CSS, Bootstrap, and deployed it live.
- **Senior Project, TuxPanel, ReactJS, Python, NodeJS, Bash scripting & Linux OS Admin:** Full-stack Linux administration panel replacing legacy PHP dashboards. React frontend, Node.js/TypeScript backend, Python PyQt6 installer. Web terminal, remote desktop, system management, real-time monitoring, and AI integration with hardened security architecture.

SYSTEMS & IT ADMINISTRATION

Hands-on experience with: Windows Server administration, including File Server Resource Manager (FSRM) Quota management, file classification, automated reports, and storage policies Active Directory user/group management and domain services Longtime In-Depth Hobbyist Experience with: Practical Linux system administration experience through free & open-source projects (Arch Linux, Fedora Linux, Ubuntu, Debian, and all the derivatives, worked with SSH, SMB, Remote Desktop hosting, FTP, interconnecting and pairing multiple linux systems, BTRFS ext4 NTFS exFAT Filesystem troubleshooting and recovery)

LOCAL AI INFRASTRUCTURE & EDGE DEPLOYMENT

- **GPU & System Architecture:** Configured and optimized Linux server environments and low-level NVIDIA CUDA hardware drivers to maximize GPU acceleration for deep learning pipelines.
- **Model Serving & Orchestration:** Deployed and managed lightweight, first-class open-source models—including **Llama 3** and **Qwen**—leveraging Hugging Face workflows, LM Studio, and Open-WebUI for robust local inference.
- **Desktop & Agent Integration:** Engineered advanced local AI desktop integrations equipped with autonomous agent capabilities, including live camera feed processing, real-time web search integration, automated coding assistants, and local document analysis.

REFERENCES

Dr. Mahmoud El Samad, *Coordinator (Tripoli Campus), Department of Computer Science and Information Technology,*
Lebanese International University (LIU)
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