

IBRAHIM JOSEPH NASR

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<https://portfolioprojects-3d2b6.web.app/>



EXPERIENCE

JULY 2025 – PRESENT

NETWORK DEPARTMENT INTERN, CRYSTAL NETWORKS

- Managed VM/server initialization, migration, and maintenance to support scalable and reliable network services.
- Conducted pre-deployment testing using virtual networks and implemented performance tuning with SNMP analytics for QoS improvements.
- Served as technical liaison with customers to gather requirements, provide updates, and ensure solution alignment.
- Collaborated closely with the Unified Communications department to ensure seamless integration between network infrastructure and unified communication systems.

AUGUST 2024 – SEPTEMBER 2024

NETWORK DEPARTMENT INTERN, CRYSTAL NETWORKS

- Designed and implemented robust network infrastructures using various products, in particular Cisco, focusing on scalability, security, and performance optimization.
- Configured and maintained network devices including routers, switches, access points, and firewalls to ensure optimal network performance and security.
- Monitored network health through SNMP, in particular SolarWinds, identifying and resolving bottlenecks to improve overall network efficiency.
- Collaborated on LAN, WLAN, and WAN projects, optimizing bandwidth and application performance for enterprise environments.

MARCH 2024 – SEPTEMBER 2024

FRONT-END DEVELOPER, HURDLE SOLUTIONS

- Designed and implemented high-performance user interfaces using React.js and Angular.js.
- Collaborated with UX/UI designers and backend teams to integrate APIs and enhance user experiences.
- Optimized performance, ensured cross-browser compatibility, and adhered to front-end development best practices.
- Conducted code reviews to maintain high-quality code standards.

JUNE 2016 – OCTOBER 2018

IT TECHNICIAN, MOJITECH

- Provided technical support for hardware and software, enhancing troubleshooting and customer service skills.
- Assisted in the installation and maintenance of computer systems and network infrastructures.

EDUCATION

JULY 2026

MASTER'S IN TELECOM, NETWORKS, AND SECURITY

LEBANESE UNIVERSITY – FACULTY OF ENGINEERING – HADATH
UNIVERSITÉ SAINT-JOSEPH

JULY 2026

BACHELOR'S DIPLOMA (B.E.) IN ELECTRICAL ENGINEERING (TELECOMMUNICATION)

LEBANESE UNIVERSITY – FACULTY OF ENGINEERING – ROUMIEH

JULY 2025

BACHELOR'S DIPLOMA (B.S.) IN COMPUTER SCIENCE

LEBANESE UNIVERSITY – FACULTY OF SCIENCES - FANAR

JUNE 2019

LEBANESE BACCALAUREATE CERTIFICATE OF SECONDARY EDUCATION (GENERAL SCIENCES BRANCH)

ADVENTIST SCHOOL BOUCHRIEH - ASB

SKILLS

- **Engineering and Hardware Design:** PCB design (Eagle), 3D modeling and prototyping (SolidWorks), circuit simulation (Proteus), electronic board soldering and assembly, and LabVIEW for data acquisition and control.
- **Full-Stack Development:** Extensive experience in web and application development with:
 - **Frontend:** HTML, CSS, JavaScript, React
 - **Backend:** PHP, C#, Java, C++, Python
 - **Database Management:** SQL (MySQL Workbench, SSMS), Firebase, WampServer
 - **Mobile Development:** Android Studio for Android applications
- **Networking & Cybersecurity:** Advanced routing (RIP, OSPF, BGP), QoS (MPLS, DiffServ, IntServ), IPv6, network simulation & management (Cisco Packet Tracer, MobaXterm), wireless technologies (WLAN, IoT, ZigBee, LoRaWAN), risk analysis, vulnerability assessment, and PKI/cryptography basics.
- **Scripting:** Bash for automation and scripting tasks
- **Virtualization:** Experience with Oracle VM for virtual environments
- **Creative Tools:** Adobe Creative Cloud (Photoshop, Premiere Pro, Dreamweaver) and Microsoft Office Suite
- **Soft Skills:** Strong teamwork, communication, and leadership abilities honed through workshops and professional experience
- **Multilingual:** Fluent in Arabic, English, and French; currently learning Spanish

MISCELLANEOUS

- **Education and Certifications**
 - First Aid (Lebanese Red Cross)
 - Ethical Hacking (EC-Council, 2021)
 - Online Coding Courses: HTML, CSS, C++ (Codecademy, FreeCodeCamp)
 - SAT Score (2018): 1380/1600 (Evidence-Based Reading and Writing: 680/800, Math: 700/800)

- **Lebanese Red Cross** (2019 – Present):
 - Treasurer (2021–2022), Public Relations Officer (2022–Present)
 - Organized and participated in camps, Beirut Blast Assessment 2020, children’s events...
 - Completed training in communication, time management, interpersonal skills...
- **University Involvement**
 - Math Club (MathJams) – Lebanese University, Faculty of Science – Fanar.
 - Electrical and Telecommunications Club (IEEE) and Consultancy Club (RCC) – Lebanese University, Faculty of Engineering – Roumieh.
- **Workshops and Seminars**
 - Strategy Consulting and Financial Analysis for Engineers (RCC, 2023)
 - Leadership Skills (Waznat, 2018)
 - Application Coding and Development (LAU Summer Camp, 2018)
 - Graphic Design (NDU, 2017)
 - Seminars via Centre Mine: Project Management, Emotional Intelligence, Diversity and Inclusion, Market Research, and Client-Centric Problem Solving