

Rayan Bou Ghanem

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WORK EXPERIENCE

WEB DEVELOPMENT – ALMOOSA HEALTH GROUP – 05/10/2025 – 05/11/2025 – AL-HASSA, SAUDI ARABIA

- Support the Hospital Information System (HIS) by validating end-to-end integration across UI, APIs, and database.
- Test the REST APIs, database connectivity, and module workflows to ensure accurate data flow and system reliability.
- Created realistic test data and sample records to trace data flow and confirm data accuracy across the system.

FRONTEND DEVELOPER – TYCHRYT – 18/08/2025 – 17/10/2025 – BEIRUT, LEBANON

- Built and maintained responsive UIs using React, Next.js, and Tailwind CSS.
- Developed interactive game interfaces with smooth user flows and reusable component architecture.
- Improved performance and reliability through debugging, cross-browser testing, and UI optimization.
- Supported deployment and testing of React/Next.js applications; contributed basic Angular exposure where needed.

QUALITY ASSURANCE ENGINEER – PIXEL38 – 14/04/2025 – 30/05/2025 – BEIRUT SOUKS, LEBANON

- Execute manual testing to validate functionality, usability, and performance across web applications.
- Logged, tracked, and verified defects in Jira, collaborating with teams through resolution.
- Support and testing cycles and production issue triage by reproducing issues and confirming fixes.
- Performed UAT with stakeholders and delivered clear bug reports with steps to reproduce and expected vs actual results.

WEB DEVELOPER – I-MAD TECHNOLOGY COMPANY – 01/09/2024 – 30/12/2024 – AINAB, LEBANON

- Develop and maintain responsive web features using Next.js.
- Built and tested REST APIs with Node.js/Next.js, supporting server-side logic and integrations.
- Work with PostgreSQL/SQL (queries, CRUD) to ensure reliable data handling.
- Deployed applications using AWS and Vercel.

EDUCATION

14/06/2025

Bachelor's Degree in Information & Communication Technology at American University of Science and Technology (AUST) – Lebanon

- Built a strong foundation in software development, networking, databases, and IT systems.
- Applied academic knowledge through hands-on projects, strengthening problem-solving and technical skills.
- Focused on building efficient, scalable solutions and supporting real-world IT applications.

18/02/2021

Bachelor's Degree in Information Management System at Lebanese University 4th Branch

- Studied information systems concepts to support efficient business processes and digital transformation.
- Developed skills in data organization, analysis, and information retrieval to support reporting and decision-making.
- Contributed to academic projects focused on information management and user-centered solutions.

TECHNICAL & INTERPERSONAL SKILLS

Technical Skills

- HTML5, CSS3, JavaScript, TypeScript, React, Next.js, Tailwind CSS, Angular
- Node.js, Next.js, PHP, server-side logic / API routes
- RESTful APIs, Postman, functional & integration testing
- PostgreSQL, SQL (queries, CRUD), database connectivity
- Linux (Kali Linux), C++, Java, Python scripting, testing, troubleshooting
- Jira, Git/GitHub, Visual Studio Code, AWS, Vercel

Effective Communication and Collaboration

- Explained complex technical information clearly to diverse audiences.
- Facilitated effective collaboration between technical and non-technical teams.
- Created comprehensive documentation and reports to ensure clarity and understanding.
- Delivered engaging presentations and training sessions on IT topics.
- Actively listened and responded to stakeholder feedback and concerns.

CERTIFICATIONS

Coursera , 27/05/2025

Agile Project Management

- Learned to manage changing priorities using Scrum practices and Jira sprint boards.
- Gained experience in writing and prioritizing user stories within Scrum frameworks.
- Developed collaboration and accountability through Scrum ceremonies and Jira tracking.
- Improved communication with stakeholders using Scrum roles and Jira dashboards.
- Built the ability to deliver incremental value using Scrum sprints managed in Jira.

Cisco, 08/03/2023

CCNA-1/ CCNA-2/ CCNA-3

- Gained strong knowledge of networking concepts, protocols, and IP subnetting.
- Developed skills in configuring and troubleshooting routers, switches, and VLANs.
- Acquired expertise in wireless network setup and management.
- Learned to secure and optimize overall network performance.
- Utilized automation tools to improve scalability and streamline operations.

Coursera , 10/11/2025

Connect and Protect: Networks and Network Security

- Define the types of networks and components of networks
- Illustrate how data is sent and received over a network
- Understand how to secure a network against intrusion tactics
- Describe system hardening techniques

WORKSHOPS

10/01/2024 – 20/05/2025

WI-SHIELD – An AI-Powered Wi-Fi Security System

WI-SHIELD is a cutting-edge cybersecurity solution built to:

- Monitor Wi-Fi networks in real-time
- Detect attacks such as DE authentication, Evil Twin, and Probe Requests
- Analyze threats using AI to deliver detailed, human-readable explanations
- Enable remote control and reporting
- Provide a web-based scanning tool

Lab Expo in Programming Languages and Web Development

- Developed websites using HTML, CSS, PHP, and SQL.
- Gained foundational skills in Windows forensics and SQL queries.
- Proficient in SPSS for statistical modeling and Python for data analysis.
- Implemented lab expo projects in UNI such as: E-Library system using java / Car Rental System using C++ / Website for Dogs Essentials / Mobile app for food delivery / Red Cross Volunteering System using database

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user