Reine Chahine, Telecommunication Engineer

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Software Engineer finishing my Master's Degree in Engineering, experienced in web development across front-end and back-end. Expanding my skills in cloud technologies, API'S, and web sockets for building interactive and secure web applications.

WORK EXPERIENCE

Web Development Intern   **August 1,2024 – September 30,2024**
Touch-center   *Beirut, Lebanon*

- Assisted the team in designing user-friendly and responsive websites.
- Contributed to website development using HTML, CSS, and JavaScript.
- Collaborated with specific teams for website improvements.

Full-Stack Web Development Course   **February 3,2025 – April20,2025**
SE-Factory (remote)   *Lebanon*

- Developed practical knowledge of HTML, CSS, JavaScript, Python, php, Git, and GitHub.
- Developed several projects that successfully used algorithms and data structures.

Internship at Nuwatt   **June 1,2025 – August 29,2025**
(remote)   *Lebanon*

- Engaged in inverters, API'S, and cloud-based websites and PLC systems.
- Explored cloud-based architectures for energy data storage, visualization, and control.
- Researched the Modbus communication protocol for device interfacing in smart home environments.

Sales Specialist   **July. 2023 – August. 2024**
Virgin Megastore   *Beirut, Lebanon*

- Maintained up-to-date product knowledge across entertainment, electronics, and lifestyle categories.
- Contributed to achieving sales targets and improving overall store performance.
- Handled POS transactions, returns, and inventory restocking.

EDUCATION

Lebanese International University, Lebanon
Bachelor of Science in Telecommunication Engineering, with honor
Master of Science in Computer and Communication Engineering-Present.

PROJECTS

Smart Home Automation System

- Smart Home System Overview:
  - A connected system that allows remote monitoring and control of home devices for convenience, safety, and energy efficiency.
- Key Components:
  - AC Temperature Control: Adjusts air conditioning settings automatically or via the website (user).
  - Light Management: Turns lights on/off via the website or manually.
  - Fire /Gas Detection System: Monitors for fire or Gas and sends alerts.
  - Outdoor Camera: Provides live video and motion detection (sends alert).
- Technology Stack:
  - Front-end and backend: HTML, CSS, JavaScript. Uses php and MySQL (Xampp)
  - Hardware: Uses microcontrollers like ESP32 and ESP32-Cam to interface with sensors and devices.
- Features:

- Real-time device control from anywhere via the website.
- Device status monitoring and alert notifications.
- Hardware and software integration.

Quiz Web Application
Full-stack Developer
- Designed quiz web application with user authentication (login/register) and role-based access (user/admin).
- Developed front-end interfaces using vanilla HTML, CSS, and JavaScript.
- Built back-end logic with PHP and XAMPP (MySQL) for user management.

To-Do List Web Application
Full-stack Developer
- Built a To-Do List application with vanilla HTML, CSS, and JavaScript enabling users to add, complete, delete, and filter tasks.
- Developed a PHP backend hosted on XAMPP.

CERTIFICATIONS

- **The Complete Web Development Bootcamp**

   Udemy-remote   February 2023

- **Cyber Security Bootcamp**
   Cyber Talents-remote   October 5,2024

- **CSS Essential Training course**
   LinkedIn Learning Through Nammi Skills- Remote   March 12,2025

- **9-week Foundations of Computer science training**
    Nomu Al Ghurair Program   April 2025.

- **Introduction to JSON and XML documentation.**

   LinkedIn Learning Through Nammi Skills - Remote   September 3,2025

- **Senior Project -2nd place Award.**

   Lebanese International University   July 18,2025

TECHNICAL and SOFT SKILLS

Programming Languages: Python, Java, C, Assembly.
Soft Skills: Time management, Communication, Problem-Solving, Teamwork, Flexibility, Curiosity.
Data Analysis Tools: Jupiter Notebook, Google Collab
Web Development: HTML, JavaScript, CSS, PHP.
Software Development Tools: Android Studio, GitHub, Git, Data Structures and Algorithms, VS-Code.
Networking: Packet Tracer.
Database Management: SQL

Personal Details
- Date of Birth: 27/11/2004
- Nationality: Lebanese
- Marital Status: Single
- Language: Arabic and English

References Available Upon Request