



PERSONAL DETAILS

- +961 71 380 271
- Beirut, Lebanon
- ahmad.nour.serhal@gmail.com
- GitHub Projects showcase
- Linked In
- ahmadserhal.dev

TECHNICAL SKILLS

- Languages: JavaScript (ES6+), TypeScript, Python, PHP, Java, C
- Frontend: React.js, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Responsive Design
- Backend & APIs: Node.js, Express.js, RESTful APIs, JWT Authentication, Firebase Auth
- Databases & BaaS: PostgreSQL, Supabase, MongoDB, MySQL , Database Design, Query Optimization
- UI, Motion & 3D: Framer Motion, GSAP, React Three Fiber, Figma
- DevOps & Tools: Git, GitHub, GitHub Actions (CI/CD), Postman, AWS,Deployment & Hosting
- Testing: Jest, PHPUnit, Unit Testing
- CS Foundations: Data Structures & Algorithms, Query Optimization
- AI & Data: AI/LLM API Integration, Prompt Engineering

SOFT SKILLS

- Communication & Teamwork
- Time Management & Organization
- Attention to Detail
- Problem Solving & Critical Thinking
- Adaptability & Continuous Learning

LANGUAGES

- Arabic
- English
- French

AHMAD SERHAL

Full Stack Developer and Artificial Intelligence Master's student experienced in building production-ready applications with React, Next.js, TypeScript, and Node.js. Skilled in full-stack development, RESTful APIs, modern UI systems, and AI/LLM integration, with a focus on scalable architecture, performance, and user experience.

PROFESSIONAL EXPERIENCE

iWINTO

Company: iWinto LLC – [iWinto.com](#)
Role: Full-Stack Developer (Current Project | 1 Year Duration, Ongoing)
Working on the web application version of iWinto, a social media platform currently available as a mobile app (App Store & Play Store), focused on content sharing, user interaction, and in-app transactions.
Key Responsibilities & Features:

- Built secure authentication system (Google & Apple) and user profile management
- Integrated wallet system for in-app payments and tipping
- Developed dynamic content feed with category filtering and trending posts
- Optimized feed performance and rendering for better user experience
- Implemented post creation (images/videos) and engagement features (likes, shares, reposts)
- Built real-time chat and notification system using Supabase
- Handled real-time data updates and synchronization
- Developed a storefront module for sellers with product listings
- Contributed to multilingual support (English, Arabic, French)
- Improved UI/UX with responsive design and smooth animations
- Worked with REST APIs for data handling and integration

Tech Stack: React.js, Node.js, Supabase

SKRIPT

Client: Skript LLC (UAE) – [skriptdev.com](#)
Role: Freelance Developer
Developed an AI-powered web tool for Skript LLC that lets users generate project quotations via prompts. The AI structures requests into bullet points, suggests features, estimates costs, and submits quotes to Skript's team. The site also includes:

- A project showcase with detailed case studies.
- A contact page for direct support inquiries.

Tech: React.js,CSS, OpenAI API.
Impact: Automated quote drafting, improved client engagement, and Reduced manual effort for Skript LLC's sales/technical teams.

PERSONAL PROJECTS

PuzzlePy — Build Week Hackathon

Full-stack interactive platform designed to teach Python through visual, puzzle-based programming challenges. Built for the Build Week Hackathon with a focus on gamified learning and AI-assisted content generation.

- Built with React.js, Node.js, Express.js, MongoDB, and JWT authentication.
- Developed Blockly-based programming puzzles with Python code generation and interactive learning challenges.
- Implemented XP, streaks, achievements, lesson progression, and leaderboard systems to gamify the learning experience.
- Developed XML import/export functionality, enabling Blockly workspaces to be saved, restored, and transferred without losing puzzle progress.
- Built an admin content system supporting lesson/challenge management, revisions, and AI-assisted content generation.
- Developed secure REST APIs for authentication, learner progress, challenges, and platform administration.

Agent Council — Qwen Hackathon Series

AI-powered multi-agent collaboration platform built for the Qwen Hackathon Series, where specialized AI agents work together to analyze complex missions, resolve conflicts, and produce structured execution plans.

- Built with Next.js, TypeScript, React Flow, Tailwind CSS, and Qwen LLM integration.
- Designed a multi-agent system featuring specialized Planner, Research, Technical, Marketing, Finance, Risk, Mediator, and Finalizer agents.
- Created an interactive mission graph visualizing agent execution, dependencies, blocking states, revisions, and parallel workflows.
- Implemented agent dialogue and conflict resolution, allowing Risk and Mediator agents to challenge and refine proposed strategies.
- Developed mission history, execution timelines, reusable templates, and structured final report

EDUCATION

Saint Joseph University(USJ)

Master in Artificial Intelligence - *In Progress*
2026 – Present

SE Factory

Full Stack Web Development Bootcamp
2024

Cnam University

Bachelor of Computer Science
2023

Hariri III High School

Lebanese Baccalaureate in life science
2018