

# HODA AL SABBAGH

Full-Stack Developer | Business MIS Graduate

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## PROFESSIONAL SUMMARY

Full-Stack Developer and Business MIS graduate with 2+ years of experience building responsive web applications and delivering technical instruction at university level. Proficient across the full stack — React, Next.js, Node.js, Supabase, and Firebase — with strong database expertise in MySQL, SQL Server, and Oracle. Completed a CodeAlpha Full-Stack Internship, shipping production-ready projects. Passionate about writing clean, maintainable code and designing user-centered interfaces that create measurable impact.

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## WORK EXPERIENCE

### Full-Stack Developer Intern | *CodeAlpha* 2026

- Developed and deployed 3 full-stack web applications using HTML, CSS, JavaScript, and back-end technologies, delivering each project on schedule within the internship timeline.
- Implemented Git/GitHub version control workflows across all projects, ensuring clean commit histories and collaborative-ready codebases.
- Completed a structured full-stack internship curriculum covering modern development practices, deployment pipelines, and production standards; awarded Certificate of Completion.

### Undergraduate Teaching Assistant | *Lebanese University* 2023 – 2026

- Instructed 10+ students per semester across lab sessions in C, C++, Applied Informatics, and Microsoft Office, consistently receiving positive student feedback.
- Designed structured lab exercises in database fundamentals and SQL, reducing common student errors and accelerating comprehension of core concepts.
- Graded assignments and delivered detailed written feedback, maintaining consistent and fair evaluation standards across multiple cohorts over 3 years.

### Private Mathematics & Science Tutor | *Freelance* 2023 – 2024

- Tutored Grades 3–12 students in Mathematics and Sciences, customizing lesson plans to individual learning styles and academic goals.
- Achieved steady client retention by tracking student progress and adapting teaching strategies to deliver measurable grade improvements.

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## PROJECTS

### Vanilla Bean — Full-Stack Bakery & Coffee Shop Web App · Next.js · Tailwind CSS · Supabase · Vercel

- Architected and deployed a full-stack bakery platform featuring a live database-driven menu, dynamic category filtering, and a protected admin dashboard with real-time CRUD operations.
- Integrated Supabase as the back-end data layer and deployed the application to Vercel, achieving a production-grade, publicly accessible product.

### Book Bazar — Full-Stack Bookstore Web App · React · CSS · Framer Motion · Supabase · Firebase

- Engineered a feature-complete bookstore application with animated UI transitions (Framer Motion), shopping cart functionality, event listings, and a fully responsive layout across all breakpoints.
- Implemented Firebase Authentication for secure user login and Supabase for persistent data storage, delivering a scalable, production-ready architecture.

## Holly AI — AI Chatbot Web App · HTML · CSS · JavaScript · Gemini API

- Built an interactive AI chatbot from scratch in vanilla JavaScript, integrating Google's Gemini API via REST to generate real-time conversational responses.
- Engineered a dynamic chat interface with asynchronous request handling, animated loading indicators, and a word-by-word typing effect for a polished, ChatGPT-style user experience.

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## EDUCATION

**M.Sc. in Management Information Systems** | *Lebanese University, Hadath* 2025 – 2026

**B.Sc. in Management Information Systems** | *Lebanese University, Hadath* 2022 – 2025

**Computer Science (Undergraduate)** | *Lebanese University, Hadath* 2020 – 2022

**Baccalaureate in Life Sciences** | *AL Mourjan High School, Saida* 2020

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## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML5, CSS3, Java, C, C++, C#

**Front-End:** React, Next.js, Tailwind CSS, Framer Motion, Figma, Responsive Design

**Back-End & Databases:** Node.js, Supabase, Firebase, MySQL, SQL Server (SSMS), Oracle, REST APIs

**Tools:** Git, GitHub, Vercel, Microsoft Office, SPSS

**Soft Skills:** Problem-Solving, Attention to Detail, Team Collaboration, Communication, Time Management

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## CERTIFICATIONS & ACHIEVEMENTS

- Full-Stack Development Internship Certificate — CodeAlpha (2026)
- Advanced Track Certificate — All Girls Code / Techsplore (2025)
- Certificate of Participation — 42 Beirut Coding Bootcamp
- Certificate in Computer Maintenance — Abdel Hadi Debs Vocational & Technical Center

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## LANGUAGES

**Arabic** (Native)   **English** (Fluent)   **French** (Fluent)