

Bilal Malass

Junior Full-Stack Developer | Computer Science Graduate

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in full-stack web development using React, Next.js, Node.js, JavaScript, SQL, PostgreSQL, and MySQL. Currently working at CoreDEX Solutions, contributing to frontend and backend development tasks across responsive interfaces, APIs, and database-related features. AWS Certified Cloud Practitioner with additional experience in C++, cloud fundamentals, and software security concepts.

TECHNICAL SKILLS

Web / Full-Stack: React, Next.js, Node.js, JavaScript, HTML5, CSS3

Languages: C, C++, Java, Python, PHP

Databases: SQL, PostgreSQL, MySQL, relational database design, stored procedures, indexing

Cloud / Tools: AWS EC2, S3, IAM, Git, GitHub, VS Code, IntelliJ IDEA, Android Studio

Other: Networking fundamentals, Android Development, MVVM, SQLite

WORK EXPERIENCE

Junior Full-Stack Developer - Frontend & Backend | CoreDEX Solutions | Tripoli, Lebanon | Apr 2026 - Present

- Contribute to frontend features using React, Next.js, HTML5, CSS3, and JavaScript.
- Assist in building backend APIs and database-related features using Node.js, PostgreSQL, and MySQL.
- Improve responsive user interfaces, debug issues, and support ongoing feature updates using Git and GitHub.

Backend Developer Intern | Intelligile | Tripoli, Lebanon | Sep 2024 - Mar 2026

- Developed backend components for a License Management System using C++.
- Applied security concepts for license verification, application integrity, and reliable backend behavior.

Coding Instructor | BrightCHAMPS | Mar 2026 - Present

- Teach programming fundamentals in Python, JavaScript, and block-based coding through live sessions.

PROJECTS

Payment Gateway API | NestJS, Node.js, PostgreSQL, Prisma

- Developed a provider-agnostic API for creating payments, tracking payment status, and confirming mock payments.
- Implemented merchant API key authentication and idempotency handling to reduce duplicate payment requests.
- Designed database models and REST endpoints for payment creation, retrieval, and status updates.

ERP / Inventory Management System | React, Next.js, Node.js, PostgreSQL

- Built a full-stack management system for products, customers, orders, invoices, and stock tracking.
- Developed REST APIs and database operations with search, filtering, pagination, and dashboard features.
- Created responsive interfaces using reusable components and organized business logic for maintainability.

EDUCATION

Bachelor of Science in Computer Science | Lebanese University | 2023 - 2026

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Object-Oriented Programming

CERTIFICATIONS

AWS Certified Cloud Practitioner (2026)

AWS re/Start - DOT (2025)

Next.js Bootcamp - TechTalks (2025)

Full Stack Web Development Bootcamp - GDSC (2024)

CS50: Introduction to Computer Science - Harvard Online

LANGUAGES

Arabic: Native | English: Intermediate | French: Basic