

Mahmoud Kebbi

BE Computer Engineering | Software Engineer

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SUMMARY

Software engineer with hands-on experience building end-to-end web and mobile applications using TypeScript, Next.js, and Node.js. Experienced in developing scalable systems across frontend interfaces, backend services, and API integrations. Strong background in cloud infrastructure and DevOps, with practical experience in CI/CD, containerization, and production deployments on AWS. Comfortable working across the full stack, from implementing user-facing features to designing, deploying, and maintaining reliable backend systems.

CORE COMPETENCIES

Full-Stack Development - API Design & Backend Systems - Cloud Architecture & Deployment - DevOps & CI/CD Automation - Frontend Engineering - Database Design & Management - System Design - Secure Application Development

WORK EXPERIENCE

Lebanese American University (Industrial Hub)

January 2026 – Present

Full-Stack/Systems Engineer (Full-time Contract)

Beirut, Lebanon

- Own end-to-end development of production-grade platforms, delivering Next.js frontend applications, Node.js/NestJS backends, and cloud infrastructure across multiple domains.
- Designed and implemented admin dashboards, user panels, and multi-step onboarding flows with role-based access and secure authentication.
- Built and maintained scalable REST APIs with PostgreSQL, integrating external services and ensuring data consistency and reliability.
- Delivered full-stack features from UI to backend to deployment, including CI/CD pipelines, monitoring, and cloud infrastructure on AWS.
- Collaborated across teams to finalize product features, resolve edge cases, and ensure systems are production-ready and scalable.

IVX Labs/ Sekai Finance

August 2025 – January 2026

Backend Engineer (Contract)

Beirut, Lebanon

- Developed high-performance backend systems using Node.js/NestJS and TypeScript, supporting production applications with complex business logic.
- Designed and integrated APIs connecting frontend applications and external systems, enabling seamless data flow across services.
- Contributed to scalable architecture design, ensuring reliability and performance under production workloads.
- Worked in fast-paced delivery cycles, aligning backend systems with evolving product requirements.

TEDMOB SAL

July 2025 – August 2025

Software Engineering (Internship)

Beirut, Lebanon

- Built a React + TypeScript web platform with booking workflows, admin dashboards, and user management system for a table tennis club.
- Developed secure Express.js APIs with authentication, role-based access control, and Redis caching.
- Implemented end-to-end features, connecting frontend interfaces with backend services and deploying to AWS.
- Delivered structured user flows including booking logic, access control, and dashboard interactions.

Xnance LLC

September 2024 – March 2025

Software Engineer (Part-time Contract)

Beirut, Lebanon

- Developed backend services and automation scripts using Node.js and TypeScript, supporting scalable application logic.
- Provisioned and managed cloud infrastructure using Terraform and AWS, improving deployment consistency and scalability.
- Integrated backend systems with external services and APIs to support real-world application use cases.

PMIGC / PMI Flight

May 2024 – January 2025

Cloud Software Engineer (Contract)

Beirut, Lebanon

- Built and maintained backend APIs for booking-related systems, ensuring high availability and performance.
- Improved system performance and reduced operational costs through backend and infrastructure optimizations.
- Delivered production-ready services with monitoring, logging, and reliability engineering practices.

EDUCATION

Lebanese American University

December 2025

Bachelor of Engineering in Computer Engineering

Jbeil, Lebanon

SELECTED PROJECTS

Intelligent Executive Assistant Chatbot

November 2025

- Developed a full-stack application integrating external APIs for scheduling, task automation, and summarization.
- Built backend services for structured data processing and workflow orchestration.
- Designed interfaces for interacting with automated features and managing tasks.

VyraChain Backend MVP

August 2025

- Designed and deployed a secure backend system using NestJS and PostgreSQL, integrating authentication and data management workflows.
- Built APIs supporting structured data handling and auditability across system interactions.
- Deployed using cloud infrastructure with production-ready configurations.

SKILLS

Programming Languages: JavaScript – TypeScript – Solidity – Java – Python – SQL – C# – HCL

Cloud Infrastructure and DevOps: AWS – Terraform – Docker – Kubernetes – Ansible – GitHub Actions – AWS CodePipeline

Backend Engineering: Node.js – Nest.js – Express.js – FastAPI

Frontend: React – NextJS – React Native – Tailwind -

Data: MySQL – PostgreSQL – Redis – MongoDB – TypeORM – BullMQ – RabbitMQ

CERTIFICATIONS AND TRAINING

Snowflake Data Engineering Associate – DataCamp

Jan 2026

Fundamentals of Deep Learning – Nvidia Deep Learning Institute

Dec 2025

Ubuntu Linux Professional Certificate – Canonical

Dec 2025

Data Engineering Associate – DataCamp

Jun 2025

GitHub Career Essentials Professional Certificate – GitHub

May 2025

AWS Certified Solutions Architect Associate – AWS

Sep 2024

Network Automation Professional Certificate – Arista Networks

Nov 2024

Career Essentials in Cybersecurity – Microsoft

Nov 2024

Docker Foundations Professional – Docker

Sep 2024

LANGUAGES

Arabic – Native

English – Fluent

ACTIVITIES AND VOLUNTEERING

Al Riyadi Club Beirut

October 2023-Present

Professional table tennis player in Lebanon's leading sports institution.