

GHADIR HUSSEIN FAKIH

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WORK EXPERIENCE

Full Stack Developer Intern — Coverse Technologies | Beirut, Lebanon

July 2025 – November 2025

Contributed to multiple full-stack and backend projects during an intensive internship, focusing on NestJS, React/Next.js, Prisma, and AI-enhanced systems.

Key Achievements:

- **Dynamic Schema Backend (NestJS, Prisma, PostgreSQL, AI):** Built and deployed a dynamic schema backend enabling flexible data modeling; integrated an AI assistant that guides users in defining schema fields and data structures.
- **AI Email Signature Builder (React, Next.js, NestJS):** Created an AI-powered signature builder that automatically suggests personalized designs and layouts.
- **E-Commerce System Integration (RTK Query, GraphQL CodeGen):** Linked frontend and backend with optimized data fetching and caching, improving load speed by 30%.
- **E-License Management System (NestJS, PostgreSQL):** Designed secure APIs for license issuance, validation, and renewal workflows.
- **ERP System QA & Testing:** Conducted manual and functional testing to identify UI and logic bugs, improving product reliability and performance.

Tools & Environment: NestJS, React, Next.js, PostgreSQL, Prisma, GraphQL CodeGen, RTK Query, GitLab, Postman, Agile.

FULL STACK DEVELOPMENT BOOTCAMP

Full Stack Web Development Certificate — React, Angular, Node.js, Express.js, ORM, Nx Monorepo, Prisma, PostgreSQL, Sequelize

Duration: February 25 – May 16, 2025

Projects:

- **E-Commerce Web Application – React, Next.js, Prisma:** Developed a full-stack e-commerce app with authentication, product management, and checkout flow. Managed database operations with Prisma ORM and implemented secure APIs. Enhanced UI/UX responsiveness and optimized loading time.
- **Flight Management System – Angular, Node.js, Express, Prisma, PostgreSQL:** Built admin and user dashboards for flight scheduling, passenger management, and bookings. Implemented backend

endpoints for CRUD operations and booking validation. Integrated PostgreSQL for high-performance queries and reliable data persistence.

SENIOR PROJECT

Clinic Management System – React (Vite), Node.js, Express, MySQL, AI

- Designed and developed a full healthcare platform with four dashboards: Admin, Doctor, Staff, and User.
- Implemented AI agent to help users find the right doctor based on symptoms and specialties.
- Integrated role-based access control (RBAC) and secure authentication.
- Built appointment scheduling, patient management, and record tracking modules.
- Developed REST APIs in Express with a structured MySQL database.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Frontend: React, Next.js, Angular, Vite

Backend: Node.js, Express.js, NestJS

Databases: PostgreSQL, MySQL, Prisma ORM, Sequelize

Tools: Nx Monorepo, RTK Query, Code Generation, Git, GitLab, VS Code

Testing: Postman, Thunder Client, Manual & Functional Testing

Concepts: REST APIs, AI Integration, Agile Development, System Design, CI/CD Basics

PROJECT HIGHLIGHTS

- **Dynamic Schema Backend (NestJS, Prisma, AI):** Flexible backend system with schema generation and AI-guided setup.
- **AI Email Signature Builder:** Automated branding signature creation using AI-driven layouts.
- **E-License Management System:** Scalable backend for license workflows.
- **ERP QA Testing:** Functional and UI testing across enterprise modules.

EDUCATION

Lebanese University – Faculty of Technology, Lebanon

- Bachelor in Business Computer, Graduated 2025
- Master's in Information Systems, Currently Enrolled

CERTIFICATIONS

Full Stack Web Development Bootcamp (React, Angular, Node.js, Prisma) – 2025

LANGUAGES

Arabic: Native

English: Proficient