

Moataz Noaman

Backend Engineer

✉ Moataz.noaman12@gmail.com

☎ +20 109 851 8194

📍 Cairo, Egypt

🌐 [linkedin.com/in/moataz-noaman-02196222a](https://www.linkedin.com/in/moataz-noaman-02196222a)

🐙 github.com/MoatazNoaman2001

Professional Summary

Backend developer with expertise in **Spring Boot**, Java 17+, and Kotlin, focused on building scalable enterprise web applications and RESTful microservices. Skilled in Spring Data JPA, Hibernate, Thymeleaf, and secure API design following modern MVC patterns and SOLID principles. Strong experience in cloud deployment (AWS), CI/CD workflows (Docker, Jenkins, GitHub Actions), and relational database design. Holds a B.Sc. in Computer Science (2023) with 9 months of full-stack training emphasizing robust backend architecture and reactive programming.

TECHNICAL SKILLS

Programming Languages:

- **JavaScript & TypeScript**
- **Java** (with concurrency, streams, functional programming)
- **Kotlin** (coroutines, functional programming)
- **C++** (native development, NCNN, DIB)

Core Spring Framework

- **Spring Boot 3** (Auto-configuration, Starter POMs)
- **Spring MVC** (REST API Development)
- **Spring Data JPA** (Hibernate, Repositories)
- **Spring Security** (JWT)

API & Integration

- **OpenAPI / Swagger**

DevOps & Deployment

- **Docker & Kubernetes**
- **CI/CD** (GitHub Actions, Jenkins, GitLab CI)
- **AWS**

Java Skills

- **Concurrency programing using java & RxJava**
- **Java Programming , OOP, Java Collection Framework**
- **Data Structures**
- **Problem Solving**
- **Dynamic Programming**
- **Design Patterns**
- **Design architecture (MVC)**

Database & ORM

- **Mongoose**
- **PostgreSQL / MySQL / MongoDB**

Testing & Version Control

- **JUnit testing**
- **Version control** (Git, GitHub, GitLab)

Work Experience

2024/02 – 2024/06
Cairo, Egypt

Teaching assistant
Zewail University

Education

2024/10 – present
Assiut, Egypt

Open-Source (9-months)
Information Technology Institute

• Projects:

- **E-Learning Management System** (2025/06 - 2025/06)
 - Angular Front (Github [↗](#))
 - SpringBoot V3 Backend (Github [↗](#))
- **E-Commerce API** (2025/05 - 2025/05) (Github [↗](#))
 - NodeJS , Express, Mongoose
- **Laravel-JobBoard** (2025/05 - 2025/05) (Github [↗](#))
 - PHP Laravel Blade / MySQL

- Cafe Center (2025/02 – 2025/02) (Github [↗](#)):
 - PHP & MVC implement / MySQL / PDO
- Travel Tour WebSite (2025/01 – 2025/01) (Github [↗](#))
 - HTML5 & CSS3
 - JS and gsap
- Restaurant System (2024/11 - 2024/11)
 - C programming

2024/04 – 2024/10
Online, Egypt

Software Program - DevOps Engineer

Digital Egypt Pioneer Program (DEPI)

2019/09 – 2023/07
Assiut, Egypt

Very Good / BioInformatics

Computer Science and Information Technology / Assiut University

Graduation Project:

- Vitalism Solution Android Application:
- Vitalism leverages real-time video analysis and advanced algorithms to non-invasively measure vital signs like heart rate, oxygen saturation, and blood pressure using low-cost portable cameras.

Freelance Projects

2025/03 – 2025/03

CVRP Route Optimization [↗](#)

Route Optimization for tracks built in java with user interface in JFrame , and used algorithm is Genetic Algorithm and Tupa Search

2025/03 – 2025/03

UAV Route Optimization [↗](#)

Route Optimizatoin using genetic algorithm and simulated annealing programed in built using java JFrame

2024/06 – 2025/03

Laikji_backend (Github) [↗](#)

Developed comprehensive chat system with multi-user authorization, room capacity management, and role-based privileges. Implemented secure WebSocket connections for real-time communication with sophisticated user validation flows.

Technologies: Node JS, WebSocket, User Authentication, Real-time Communication, Room Management

2024/05 – 2024/06

Wessol Backend (GitHub) [↗](#)

REST API Development using Spring Boot 3

- Optimized REST API endpoints in **Spring Boot 3**, reducing average response time by 40% (from 500ms to 300ms) for 5,000+ daily users.

2024/01 – 2024/02

Movie Restful api [↗](#)

Spring boot v3 security and validation

Courses

- The Complete Android Kotlin Developer Course [↗](#)

Soft Skills

- Fast Learning & Technology Adaptation
- Time Management & Organization
- Version Control & Team Workflows