



Toufic Hanna

FULL-STACK DEVELOPER · SECURITY-MINDED

Full-Stack Developer with 2.5 years of professional experience building secure, scalable web applications. Specialized in Java/Spring Boot backends and React frontends, with a strong focus on authentication, API design, and application security. Running personal infrastructure on Oracle Cloud — self-hosting production-grade services with Docker.

CONTACT

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GitHub
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Portfolio
toufichanna.dev

Location
Hall in Tiro, Austria

TECH STACK

BACKEND

Java Spring Boot Spring Security PHP

Symfony Slim Framework REST APIs

FRONTEND

React JavaScript jQuery Drupal

DATA & SEARCH

PostgreSQL SQL Solr

DEVOPS & TOOLS

Docker Linux Git AI-assisted Dev

SECURITY

MFA / OTP SAML / SSO JWT

Wireshark

LANGUAGES

Arabic Native

German B2-C1

English B2

CERTIFICATIONS

Google AI Professional Certificate

Coursera · Jun 2026

AI Fundamentals & Compliance

Mindlane · Feb 2026

Google Cybersecurity Professional

Coursera · Dec 2025

OO Java: Data Structures & Beyond

Coursera · Nov 2023

EXPERIENCE

Full-Stack Developer

Jan 2024 – Present

LITTERA Software & Consulting · Hall in Tiro, Austria

- Implemented Multi-Factor Authentication (TOTP) with Spring Security, strengthening account security across the platform.
- Built SAML-based Single Sign-On (SSO) in collaboration with external partners for an online catalog system.
- Built a book star-rating system for the OPAC public catalog — configurable anonymous-rating prevention and admin tools to moderate reviews per institution. Received very positive feedback from multiple client libraries.
- Developed a REST API integration for transactional email delivery via Scaleway; implemented "Forgot Password" flow using Spring.
- Engineered a library acquisition module with Excel import, offer management, and supplier API integration.
- Implemented autocomplete search powered by Solr and a reusable Drupal dropdown filtering module.
- Migrated an RFID system to a newer SDK, improving device communication and system stability.
- Diagnosed and resolved a timeout exception on large deliveries (200+ items) by identifying over-fetching — the query retrieved full objects instead of the required attribute. Optimized the SQL query, eliminating the timeout entirely.
- Built a bulk lending-session close feature in React, allowing staff to close all active sessions in one action. Receipts are automatically handled per institution's settings — emailed, printed, or skipped — reducing manual end-of-day work.
- Implemented batch cataloguing for the library management app — staff can enter multiple ISBN-13s to catalogue several books at once. Widely requested by clients migrating from the legacy system to the new web application.
- Developed a dynamic tenant filter with list view for the internal management app, enabling staff to query and evaluate all client institutions by license data and organisational attributes.
- Maintained server-side stability through log analysis, service updates, and bug investigation across production environments.
- Mentored a junior intern through onboarding, code reviews, and technical guidance.

Software Developer

2023 · Syria

Collaborative Project · Syria

- Implemented a full Gantt chart module using dhtmlxGantt (pure PHP, no framework), delivered within 6 months.

PERSONAL PROJECTS

Self-Hosted Vaultwarden

Deployed a Bitwarden-compatible password manager on Oracle Cloud using Docker. Configured reverse proxy, SSL, and persistent storage.

Docker Oracle Cloud Linux Self-Hosting

Portfolio Website

Designed and built a personal portfolio site, self-hosted on Oracle Cloud. Deployment and server configuration managed independently.

Astro Docker Oracle Cloud

EDUCATION

B.Sc. Software Engineering & Information Systems

2016 – 2022

Tishreen University · Syria · Focus: Databases, Networks & Software Development

INTERESTS

AI & emerging technologies · Cybersecurity & ethical hacking · Self-hosting & homelabs