Wesley De Souza

HI! I'M WES. · FULLSTACK DEVELOPER

Weslley Michael De Souza.



"For over nine years, I have been designing and developing digital products and applications, from initial concept to production. My expertise lies in building scalable software architectures and transforming complex business processes into intuitive, high-performance applications. My experience spans mission-critical systems for Swiss federal agencies and the Swiss Armed Forces, as well as tailored digital products for businesses."

+41 78 211 71 78 · hello@desouza.ch · Zurich, Switzerland · desouza.ch

01 · EXPERIENCE

Professional Practice & Major Projects.

01/2026 – 07/2026
Zurich
Orange Business
Fixed-term contract

Full Stack Developer / Frontend Architect

FOITT / FEDRO – Swiss Federal Roads Office

- **FEDRO – Vehicle Import Platform:** Development of a digital business application at the Swiss Federal Roads Office (FEDRO/ASTRA) for vehicle imports, import declarations and type-approval processes, focusing on eCoC/EUCARIS integration, vehicle data processing and registration logic.

Angular .NET NX Monorepo Azure DevOps

2022 – 2025
Zurich
PTA GmbH
Fixed-term contract

Senior Angular Developer / Frontend Architect

FOITT / FSO – Swiss Federal Statistical Office

- **Frontend Lead & GUI Architect:** Architectural governance and core development of the CRM system for the FSO social assistance statistics, including technical leadership of cross-functional development teams in a highly scalable NX monorepo.
- **Frontend Lead Statistics Tool:** Design and implementation of the central tool for capturing business-critical metadata for the FSO.

Angular NestJS TypeORM NX Monorepo Docker

2021 – present
Zurich
Freelancing

Freelance Fullstack Developer

Key clients: LBA & armasuisse (Swiss Armed Forces)

End-to-end ownership of dedicated web & IoT solutions (single-developer projects) – from requirements analysis, concept and architecture through development to hosting and operations:

- **LBA – Equipment Marketplace (2026):** Concept and agile development of a sharing platform for cross-site reuse of unused equipment, including automated SAP asset transfers.
- **LBA – Elo-Infra (2026):** Complete digitalisation of analogue army forms, including a collaborative real-time authoring engine.
- **armasuisse – Shootnumber Report (2025):** Widely used system for fast capture and secure evaluation of shooting results, including a comprehensive admin interface.

- **LBA / VTG – IoT Information Board:** Concept and full-stack implementation of a central dashboard showing operational real-time data on large displays in the logistics centre. Consolidated scattered data sources and gave teams instant orientation.
- **LBA – SAP Monitoring Tool:** Interactive dashboard for visualising and monitoring business-critical real-time SAP metrics.
- **LBA – Resource & Recruit Management:** Various tracking tools for uniforms/weapons and data-driven competence planners.
- **Enterprise SaaS Product:** Development of a modular, scalable ERP/CRM and point-of-sale (POS) ecosystem using Web Module Federation.

Angular · NestJS · Node.js · TypeORM · ElectronJS · IoT (Raspberry Pi) · Module Federation

01/2022 – 04/2022
Zurich
Synerma GmbH

Software Developer
Synerma GmbH

- **Ticketing Platforms:** Agile development of ticketing platforms in Scrum teams.

Angular · Ruby on Rails

11/2020 – 12/2021
Zurich
OneByte AG

Software Developer
OneByte AG

- **Web Projects & In-house Products:** Co-development of activfitness.ch, a custom CMS and a BI tool based on microservices, plus web shop development for Deeceestyle.

Angular · Node.js (SSR) · PHP / WordPress · React

2017 – 2019
Olten / Zurich
HotelPartner GmbH

Junior Software Developer
HotelPartner GmbH

- **Booking Systems & Data Mining:** Development of web-based booking applications and a specialised data-mining application for market analysis.

Angular · PHP / Laravel · MySQL · Python · Node.js

02 · TECH EXPERTISE

Technologies & Tools.

01 Frontend & Architecture
Angular (Expert) · Ionic · Electron · React · Module Federation · Native Federation

02 Backend & Data
Node.js · NestJS · TypeORM · C#/.NET · Java · Ruby on Rails · PHP · Python · PostgreSQL · MySQL

03 Architecture & Tools
NX Monorepos · Docker · Microservices · Server-Side Rendering (SSR)

04 DevOps & Cloud
Azure Cloud · GitHub Actions · Bitbucket · OpenShift · CI/CD Pipelines · Linux · Bash · PowerShell

03 · AWARDS & HACKATHONS

Award-winning Solutions.

1ST PLACE · MAKEATHON · 2026

MAKEathon 2026 · FHNW Olten

“Best AI Project Award” for the best AI/ML project of the event, won with the team “Ruedi and the Agents” (24–25 October 2026).

1ST PLACE · HACKATHON · 2026

FOITT (BIT) & Unemployment Insurance Office, Canton of Bern

“Most Useful Solution” with “Freddy's Companion”: a digital companion for the Canton of Bern's unemployment insurance office that helps overcome language barriers.

3RD PLACE · PODIUM · 2024

PTA GmbH

Innovation Challenge: gamification concept for an effort-estimation tool.

1ST PLACE · WINNER · 2022

PTA GmbH

AI-powered extension of the in-house time-tracking system. A voice assistant automatically converts spoken input into structured time entries.

04 · EDUCATION

Education, Languages & Personal.

2026 – 2030 — **Bachelor of Science (B.Sc.), Business Artificial Intelligence**
University of Applied Sciences Northwestern Switzerland FHNW, School of Business · In progress

2023 — **Advanced Federal Diploma in Business Informatics (Dipl. Wirtschaftsinformatiker HF)**
IPSO Bildung AG, Zurich · Graduated 2023

2019 — **Federal VET Diploma in IT (Informatiker EFZ)**
IBZ Schulen AG, Aarau · Application Development (Graduated 2019)

LANGUAGES

German
Native / Fluent

Swiss German
Fluent

English
Good command (B2)

Portuguese
Basic knowledge (B1)

PERSONAL DETAILS

Nationality
Brazilian

Work permit
Switzerland (C permit)

Date of birth
30 May 1995