Gianluca Notaro

Software Engineer · Solution Architect · Java/Spring · Full-Stack

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PROFILE

Software engineer with 5+ years of experience from test automation to solution architecture, in banking, finance, telecom and EdTech. I develop KPI dashboard software at Skoor and build tailored data solutions with it for banks and financial firms. I built an ESG reporting solution on my own and won a major telecom customer with a prototype. Earlier I developed an AI-assisted learning platform for schools. In my own time I build and run self-hosted web apps with LLM integration.

EXPERIENCE

Solution Architect / Software Engineer – Skoor AG

04.2024 – present

Skoor develops dashboard software for visualising business KPIs.

- Co-develop the core product
- Design and build tailored KPI dashboards for customers in banking and finance, from requirements workshop to go-live
- Won a major German telecom provider as a customer: the product didn't cover all of their requirements, so I built a working prototype that closed the gap. The customer then ordered the product; the project is running
- Designed and built, on my own, an ESG reporting solution on the platform for sustainability reporting; now in market launch
- Connect customer data sources and APIs to the platform and advise customers on integration

Main technologies: Java, Spring, React, Python, Kubernetes, Docker

Sabbatical and further training

11.2023 – 04.2024

- Courses in Spring Boot and Angular
- Web projects for private clients

Software Engineer Consultant – Cleo AG

12.2022 – 10.2023

- **Short client assignments** (12.2022 – 01.2023): testing and release of mobile banking apps for a Swiss bank; test engineering for a major Swiss network operator
- **Full-Stack Developer, nu. (Cleo group, EdTech)** · 02.2023 – 10.2023
  - Developed and maintained a learning platform for schools on which teachers use AI (OpenAI) to create personalised learning content for their students
  - Built microservices with Java/Spring Boot and frontends with React
  - Configured CI/CD and deployments with Jenkins, OpenShift and Git

Main technologies: Java, Spring Boot, React, TypeScript, OpenAI API, Jenkins, OpenShift

Solution Developer / Architect – Aclevion

05.2022 – 10.2022

- Developed custom solutions on the censhare platform (Java, Spring, Angular, XSLT)
- Set up a GitLab CI/CD pipeline; advised customers on behalf of censhare
- Integrated an image recognition system for print media

QA Software Engineer – Exense

04.2021 – 01.2022

- Test automation with Selenium and Cypress for the company's own product
- Developed test keywords based on customer requirements
- Looked after the client test platform and improved its stability and quality processes

Main technologies: Java, Angular, Step, Cypress, Selenium, Appium

PROJECTS · own projects, self-hosted

- **Wardy**: digital wardrobe with AI outfit suggestions that take weather, occasion and personal style into account. Go, React/TypeScript, SQLite, Claude API, single sign-on, automatic deployment
- **Self-hosted server platform**: several web apps behind central single sign-on (Authelia/OIDC), reverse proxy with automatic HTTPS (Caddy), containers (Podman), automatic deployments on a Linux VPS

EDUCATION

BSc Computer Science – **FHNW University of Applied Sciences Northwestern Switzerland** 09.2016 – 10.2020

- Projects: Android app for late-night hotel booking; web app for inventory management

Vocational baccalaureate – **Berufsschule Aarau** 2015 – 2016

Electronics apprenticeship – **libs (ABB training centre)** 2011 – 2015

- Upgrading circuit boards for nuclear power plants; internal projects

SKILLS

Backend	Java/Spring Boot, Python, Go, SQL, REST APIs
Frontend	React, Angular, TypeScript, HTML/CSS
DevOps	Kubernetes, Docker/Podman, Jenkins, GitLab CI, OpenShift, Linux, Git, shell scripting
Testing	Cypress, Selenium, Appium, test automation
AI	LLM integration (OpenAI, Claude API), AI-assisted development

LANGUAGES

German native **Italian** native **English** C2 **French** B2