



Yann Huissoud

Fullstack Software Engineer

CONTACT

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www portfolio.modernis.ch

SKILLS

Languages

Go · Java · Kotlin · TypeScript · JavaScript

Frontend

Next.js · Angular 5+

Mobile

Android · Kotlin

Tools

Git · Docker · Hashicorp · Ansible · Packer ·

GitLab/GitHub CI/CD · libvirt/QEMU

Databases

PostgreSQL · ClickHouse · Oracle

Infrastructure

Linux · KVM/QEMU · PXE · HashiStack

EDUCATION

BCIT

Vancouver, BC · 2013

Part-Time Certificate

Java Advanced Development

INTERESTS

High-performance storage

Cloud automation

Infrastructure as code

EXPERIENCE

Availabill AG

Fullstack Software Engineer

Zurich, Switzerland (Remote)

Nov 2024 – Present

- Modernizing a legacy Java EE fintech platform powering BNPL and loyalty card payment solutions for Swiss merchants.
- Delivered a fully tested Next.js backoffice application in record time, leveraging AI-assisted development to browse, query, and edit core database records.
- Built a user-friendly Next.js template editor for multi-channel messaging (Email & SMS, EN/DE/FR).
- Built a high-performance postal address lookup microservice — ingestion, normalization, storage, and full-text search — backed by PostgreSQL.

Croit GmbH

Lead Backend Developer & Architect

Remote

May 2020 – Nov 2024

- Lead Backend Developer and Architect for an Intel-supported compute and storage platform on Linux, automating PXE booting, node configurations, job scheduling, data migration, and recovery (Go, PostgreSQL, Hashicorp, ClickHouse).
- Implemented a Nomad-based service to manage KVM/QEMU VMs for executing compute tasks; wrote a Nomad plugin allowing administrators to access a shell on any cluster VM.
- Developed a CLI to automate GRUB configuration for booting Linux-based images from local disks.
- Led testing with Go TestContainers, simulating cluster environments, node failures, network configurations, and data migration consistency.

Swissbytes

Fullstack Developer & Project Manager

Santa Cruz, Bolivia

June 2014 – May 2020

- Java EE fullstack development for B2B applications, transitioning to fully managing Android app development; recognized for self-sufficiency and effective customer communication.
- Identified deployment inefficiencies and proposed an automation solution using Terraform, Ansible, and Packer, streamlining the workflow from development to customer deployment.
- Collaborated with company leadership to develop a custom application for managing Bolivia's gold buying, melting, reselling, and export to international markets.

NOTABLE PROJECTS

SPDK & XiRAID Storage Project

- Working fullstack on a project utilizing SPDK and Xinnor (XiRAID) to optimize storage performance, set up logical volumes/RAID, implement NVMe-over-Fabrics (NVMe-oF), and enhance deployment on enterprise-grade servers.