

Hossein Nasiri

Senior Software Engineer · **backend, architecture & AI-assisted engineering**

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PROFILE

Senior software engineer with years of backend and full-stack experience on information security, e-commerce, education and direct-selling platforms. I turn **complex business rules into clean, tested, maintainable systems**, using Domain-Driven Design, Clean Architecture and testing discipline. I use **AI in an engineered way**: written guidelines, custom agent skills and verification loops that bring higher quality, more speed and fewer bugs.

EXPERIENCE

Senior Software Engineer · Solutions Apps DG GmbH, Germany Oct 2025 – Present · Remote

German software house building custom MLM and direct-sales platforms for partner networks worldwide.

- Develop and maintain production client platforms covering commissions, orders, warehousing, accounting exports and partner portals.
- Translate clients' business and accounting requirements into precise, tested behaviour, with test suites guarding the money paths.
- Designed and built an internal tool for deploying, maintaining and operating the company's projects, documented with architecture decisions.
- Brought an engineered AI workflow into my daily development: written guidelines, custom skills, plan-driven execution and verification.

Laravel · React · Pest · MySQL · Redis · Docker

Software Engineer · iSecureData Systems, Canada 2023 – 2024 · Remote

Winnipeg-based cybersecurity company. Worked on the platform behind iSecureData Copilot, a SaaS for implementing security frameworks such as ISO 27001 and HIPAA.

- Modelled the compliance domain (frameworks, controls and risk assessments) with Domain-Driven Design in Laravel.
- Designed the multi-tenant architecture so client organisations share one platform with their sensitive data strictly isolated.
- Deployed serverless on AWS Lambda for low operating cost and automatic scaling.

Laravel · DDD · Multi-tenancy · AWS Lambda · ISO 27001

Senior Backend Developer · OstadBank 2020 – 2022 · Remote

Online marketplace connecting students with vetted private tutors, for online and in-person lessons, at home and abroad.

- Refactored the existing backend to Clean Architecture and well-known design patterns, making it easier to test and change.
- Built scalable services and APIs behind the student portal: finding tutors, booking lessons from tutors' calendars and managing classes.

PHP · Laravel · Clean Architecture · REST APIs

Independent Full-stack Developer · Freelance

2024 – 2025 · Remote

E-commerce stores, progressive web apps and SaaS products for small businesses and startups.

- Owned each project end to end: requirements with the client, architecture, backend and frontend, deployment and maintenance.
- Built fast, mobile-first storefronts and installable web apps with Next.js and TypeScript on Laravel APIs.

Laravel · Next.js · TypeScript · Tailwind · PWA

SKILLS

Backend: PHP, Laravel, Node.js, Express, TypeScript, Python, REST APIs, queues

Frontend: React, Next.js, Inertia, Livewire, Tailwind, shadcn/ui, TanStack Query, Zustand

Quality & ops: Pest, PHPUnit, Playwright, static analysis, Docker, CI/CD, AWS, Linux

Data: MySQL, PostgreSQL, Redis, MongoDB, Prisma, TypeORM

Architecture: DDD, Clean Architecture, SOLID, design patterns, multi-tenant SaaS, ADRs

AI engineering: Claude Code, Gemini, MCP, custom agent skills, guidelines, multi-agent workflows

HOW I WORK WITH AI

Repository as memory: state and decisions live in the repo

Verify, never recall: version-matched docs and real tests

Guardrails by construction: read-only guards, architecture tests

Search before write: reuse first, no duplication

Docs ship with the change: stale docs count as bugs

Corrections become rules: a mistake is caught only once