

ANDREI SCRIPCARU

SENIOR FULL-STACK SOFTWARE ENGINEER

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Available for hire: remote contracts and full-time roles | Chişinău, Moldova (EET)

SUMMARY

Senior full-stack software engineer with 15 years of experience across system design, backend, frontend, infrastructure, and product delivery.

Transforms software ideas, difficult features, and existing systems into complete, reliable products with 15 years of software delivery from idea to release, including over 80 SaaS, CRM, and e-commerce projects.

Today's work is delivered through carefully crafted AI agent workflows grounded in proven deterministic and non-deterministic testing techniques and layers of end-to-end verification. AI agents do the work I assign: they build it, test it end to end, orchestrate it, and operate it, while I remain fully accountable on every level and layer.

Ready to help launch a new product, improve an existing one, solve a difficult problem, or bring unfinished work across the line.

SKILLS

- System Design & Architecture
 - Requirements & Product Analysis
 - Testing & QA Strategy
- Technical Planning & Decision-Making
 - Full-Stack Product Delivery
 - Infrastructure & Operations

TECHNICAL PROFILE

Programming	TypeScript, JavaScript, PHP, Ruby, Python, Kotlin, Go, C#, Elixir, Delphi
Frameworks	React/Next.js, Vue/Nuxt, Svelte, Electron, Flutter, Tailwind, Node.js/NestJS/Bun/Deno, Laravel/Symfony/Phalcon, Rails, Django/Flask, Express/AdonisJS, Phoenix
Data	PostgreSQL, MySQL, SQLite, MongoDB, DynamoDB, Elasticsearch, Redis
Infrastructure	AWS, GCP, Azure, Docker, Fly.io, Vercel, CI/CD, Linux, Terraform, CDK, OpenTofu, Ansible, Chef
APIs	REST, GraphQL, tRPC, OpenAPI
Testing & QA Strategy	End-to-end acceptance testing of the finished product on web, mobile, desktop, and APIs, including user scenarios run by AI agents; unit, integration, smoke, load, and E2E testing; deterministic type, lint, security, policy, and contract checks; production-like browser, API, real-time, database, and release verification — Jest, Cypress, Playwright, RSpec, Pest, Cucumber, Artillery
System Design & Architecture	Modular monoliths and microservices; multi-application and multi-tenant systems; REST, GraphQL, real-time, event- and webhook-driven workflows; caching, queues, payments, document generation, CI/CD, observability, deployment, and recovery

EXPERIENCE

Cryptoli

Cryptocurrency review and community platform | Pre-launch

- Applied my full-stack experience across the public website, backend, admin tools, community features, moderation, search, notifications, analytics, and real-time features
- Gained practical experience using coding agents through the full development process: clear issues and plans, acceptance criteria, deterministic feedback loops, layered testing, automated and manual QA, and running the product
- Set up end-to-end acceptance testing for every release: 28 user scenarios run by an AI agent in real browsers, plus API contract suites and native mobile checks
- Load-tested a single 8-core server to about 6,500 simultaneous realistic users and a 20,604-reader spike on one post with zero failures; cut recovery after a backend failure from 41 to 18 seconds and search median from 1,891 to 135 ms

TypeScript, NestJS, Next.js/React, PostgreSQL, Redis, Prisma, Socket.IO, BullMQ, Docker, Cloudflare, Playwright, Artillery

FinancialDocs

Full-Stack Engineer | Contract | Remote

- Maintained three legacy paystub platforms (thepaystubs.com, paystubs.net, paystubcreator.com) serving hundreds of users, evolving a shared codebase of 2,000+ service classes without breaking production
- Architected a legal document platform (legaldocs.com) — designed the CMS data model with 14 collections, built the document generation pipeline, and integrated dual payment providers
- Designed a webhook-based caching system with CDN integration to handle content updates across interconnected documents
- Delivered entirely with AI agents

TypeScript, PHP, React/Next.js, NestJS, PayloadCMS, MongoDB, PostgreSQL

NIXAP

Full-Stack Engineer | Contract | Hybrid

- Built custom web applications and internal tools for client projects
- Engineered a scalable multi-tenant VoIP system integrating PBX/SIP protocols with a desktop application for call management
- Delivered full-cycle development of a tracking system for carriers, dispatchers, and truck drivers, and of a food delivery interface

TypeScript, PHP/Symfony/Laravel, Node.js, Vue.js/Nuxt.js, Electron, VoIP/SIP, RabbitMQ, Elasticsearch, WebSocket

Dispatch42

Full-Stack Developer | Full-Time | In-Office

- Architected a real-time logistics CRM with microservices backend and mobile app
- Built serverless notifications system and integrated proprietary hardware data feeds

TypeScript, Kotlin, React, GraphQL, Node.js, AWS (Lambda, SQS, DynamoDB, CDK), Jest

GoodLeap

Back-End Developer | Contract | Remote

- Built and maintained serverless microservices for a large-scale solar financing platform, integrating DocuSign and payment workflows, and wrote written and video documentation

Node.js, TypeScript, AWS (Lambda, SQS, S3), REST, Jest

eToro

Back-End Developer | Contract | Remote

- Led backend REST API development for an iOS application serving job seekers and recruiters, planning daily with the client

PHP/Laravel, MySQL, REST, Pest

Deutsche Fintech Solutions

Front-End Developer | Contract | Remote

- Led frontend development and transition to micro-frontend architecture for B2C/B2B financial apps

TypeScript, React/Next.js, Svelte, GraphQL, Luigi/Micro-frontends, Cypress

Travod

Full-Stack Developer | Full-Time | In-Office

- Developed backend and frontend for Traduno, an in-house translation services CRM
- Led development of a GraphQL API layer over the existing Ruby backend and a new Vue/Nuxt version of the CRM interface

Ruby/Rails, Vue/Nuxt, GraphQL, MySQL, RSpec

MKM

Full-Stack Developer | Contract | Remote

- Developed a UK e-commerce platform integrating headless CRM and payment APIs, temporarily relocating to Bulgaria to work directly with the client

PHP/Laravel, Vue/Nuxt, TypeScript, MySQL, Cypress

Deditech Com

Full-Stack Developer | Contract | Remote

- Led development of a B2B CRM for a UK-based audit company and a home rental platform from scratch, working daily with clients and stakeholders

PHP/Laravel, Vue/Nuxt, TypeScript, MySQL

Virail

Full-Stack Developer | Contract | Remote

- Developed backend and frontend features for a high-traffic travel search engine, integrating Elasticsearch for performance

PHP/Phalcon, Vue, Elasticsearch, REST, Cypress

RentInsider

Front-End Developer | Contract | Remote

- Led frontend development from scratch for a Romanian/European rental platform from a Figma design, integrating with a Python backend

TypeScript, React/Next.js, ChakraUI, REST, Cypress

Rio

Full-Stack Engineer | Contract | Remote

- Developed backend services (Kotlin, Node.js) and frontend features for a live-streaming platform

Kotlin, NestJS, Node.js, Vue/Nuxt, TypeScript, PostgreSQL

Crawless

Full-Stack Developer | Contract | Remote

- Built backend systems and internal CRM for an Electron-based browser automation IDE
- Developed web automation programs using third-party services such as captcha solving, and prepared estimates and concepts for prospects

TypeScript, Vue.js, Electron, PostgreSQL, MongoDB, REST, Jest

Independent Freelancing

Full-Stack Developer | Freelance

- Delivered 80+ projects across CRM, SaaS, and e-commerce — handling client requirements, architecture, implementation, and ongoing maintenance end-to-end
- Worked across web, desktop, and mobile stacks with direct client interaction throughout

PHP, JavaScript/TypeScript, Python, Vue.js, React, Node.js, MySQL, PostgreSQL, MongoDB, DynamoDB, Flutter, Delphi

WarrantyCert

Free warranty certificate generator | Personal project | warrantycert.com

- Built and launched a browser tool that lets shops and contractors create a warranty certificate with their own terms and download it as a PDF or PNG, with no account and content kept in the browser
- Verified exports end to end by reading the downloaded files back with OCR across Chromium, Firefox, and WebKit; added privacy-first analytics, SEO, and AI-search discovery on a single server that scales to zero

Elixir, Phoenix LiveView, Tailwind, Playwright, PostHog, Fly.io

IRLingo

Live-video English practice rooms | Personal project | In development

- Building live-video classrooms where a teacher and two learners act out real-life tasks as characters in a shared illustrated scene, with nothing recorded

Elixir, Phoenix LiveView, WebRTC, SQLite, Fly.io

Market price alerts

Real-time price alert dashboard | Personal project

- Built a real-time dashboard that streams market offers, compares them with a reference rate, and sends browser notifications when an offer reaches a target price

Node.js, Server-Sent Events, Service Workers, Web Notifications, Fly.io

LANGUAGES

Romanian (native), Russian (native), English (full professional)

TESTIMONIAL

Andrei is a one of a kind senior AI-powered developer that would be an immense added value on any team. Not only is he a master of the latest Agentic-AI workflows, but he ensures the quality of work that comes out is impeccable. He uses very sophisticated AI workflows for producing any full-stack feature in very fast speed with top-notch quality. For anyone looking to hire Andrei on any project, you cannot go wrong, hire immediately; he will make your project much better, and very fast. The best developer I've come across in the past 20 years or so. This is what a top-notch developer should look like in 2026.

Frederic Haddad · Head of Business Development, FinancialDocs