



# Andrei Scripcaru - Software Engineer

## SUMMARY

Software engineer with 13 years designing and delivering complete systems. I work across the full stack — architecture, backend, frontend, infrastructure — and focus on shipping software that solves the actual problem.

## PROJECTS

### Business Domain: Financial & Legal Documents

MAY 2025 – JAN 2026

#### Role: Full Stack Engineer

**Technologies:** Agentic AI Development, TypeScript, PHP, SQL/NoSQL (Mongo & Postgres), React/Next.js, PayloadCMS, NestJS.

**Description:** Web services and apps for financial and legal documents generation for the USA market.

#### Accomplishments:

- 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 using agentic AI workflows

### Business Domain: Transportation Management

APR 2024 – APR 2025

#### Role: Software Engineer

**Technologies:** TypeScript, PHP, Vue.js/Nuxt.js, SQL, OAS, Elastic, RabbitMQ, VoIP/PBX/SIP, Electron.

**Description:** A cross-platform desktop VoIP application for the trucking/transportation business.

#### Accomplishments:

- Built custom web applications and internal tools for client projects
- Led and engineered a scalable multi-tenant VoIP system integrating PBX/SIP protocols with a desktop application for call management from scratch

## SKILLS:

- JAVASCRIPT
- TYPESCRIPT
- PHP
- HTML/CSS
- RUBY
- C#
- Go
- ELIXIR
- PYTHON
- KOTLIN
- SQL/NoSQL
- AWS/GCP/Azure/Vercel
- Agentic AI Development
- TDD/BDD
- Monoliths/Microservices

## LANGUAGES:

- ENGLISH C2
- ROMANIAN NATIVE
- RUSSIAN NATIVE

## EDUCATION:

- Free International University of Moldova, Chişinău, Moldova - Information Technology - 2011 - 2012

- Developed with AI-assisted workflows

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## **Business Domain: Media Streaming**

**FEB 2024 – JUNE 2024**

**Role: Full Stack Engineer**

**Technologies:** TypeScript, Kotlin, NestJS, Vue.js/Next.js, Postgres, Multi-tenant domain management.

**Description:** Multi-tenant media streaming platform.

**Accomplishments:**

- Developed backend services (Kotlin, Node.js) and frontend features for a live-streaming platform
- Configured a multi-tenant/multi-domain infrastructure for streamers

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## **Business Domain: Web Automation & Scrapping**

**AUG 2023 – FEB 2024**

**Role: Full Stack Developer**

**Technologies:** TypeScript, Vue.js/Next.js, Postgres, Mongo, Electron, REST APIs, TDD.

**Description:** Web automation and scrapping platform.

**Accomplishments:**

- Development of web automation programs using proprietary software
- Heavy use of third-party services to aid in automation, such as captcha resolution
- Estimation and concept creation for prospects
- Database, back-end, front-end development, and testing for an in-house CRM
- Built backend systems and internal CRM for an Electron-based browser automation IDE

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## **Business Domain: Transportation Management**

**Nov 2022 – AUG 2023**

**Role: Full Stack Engineer**

**Technologies:** TypeScript, React, TDD, DDD, AWS (Lambda, SQS, Dynamo), GraphQL, Kotlin.

**Description:** Transportation management system (TMS).

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### Accomplishments:

- Architected a real-time logistics CRM with microservices backend and mobile app
  - Built serverless notifications system and integrated proprietary hardware data feeds
  - QA, integration, and end-to-end testing
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### Business Domain: Financial Advisory

DEC 2020 – APR 2021

#### Role: Software Engineer

**Technologies:** TypeScript, React/Next.js, Svelte, GraphQL, E2E, Luigi/Micro-frontends.

**Description:** Financial advisory web platform.

#### Accomplishments:

- Front-end development for an existing web application via React, GraphQL, and TypeScript
  - Leading development and management in the transition from former UI pattern into micro-frontend pattern using Luigi framework and React
  - Solid interaction and planning with the client and stakeholders
  - QA and end-to-end testing
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### Business Domain: Translation Management

APR 2019 – OCT 2020

#### Role: Full Stack Engineer

**Technologies:** Ruby/Ruby-on-Rails, SQL, GraphQL, Vue/Nuxt, TDD.

**Description:** Translation management system (TMS) web platform with multiple layers: CRM, Client Portal, Vendor Portal.

#### Accomplishments:

- Back-end and front-end development for the existing CRM using Ruby-on-Rails
  - Led development of a GraphQL API layer over the existing Ruby-on-Rails backend
  - Integration with third-party services, QA, and E2E testing
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## **Business Domain: Independent Freelancing**

**JAN 2012 – APR 2019**

### **Role: Full Stack Developer**

**Technologies:** Web, desktop, and mobile stack: PHP, JavaScript/TypeScript, SQL/NoSQL (MySQL, PostgreSQL, MongoDB, DynamoDB), Python, Delphi, Flutter, Vue.js, React, Node.js, HTML/CSS.

**Description:** This experience ranges across 80+ freelance projects done over the years, mostly in CRM, SaaS, and E-commerce departments.

### **Accomplishments:**

- Direct interaction with final clients
- PRD and design planning, architecture, and implementation end-to-end from scratch
- Delivery in time followed by extensive maintenance
- Recurring work for legacy applications and clients