

# ANDREI SCRIPCARU

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## Summary

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Experienced (Full-Stack) Software Engineer (13+ yrs) adept at delivering complete, high-quality systems end-to-end. Proven ability to architect and build robust backend services, APIs (REST/GraphQL/tRPC), and manage databases (SQL/NoSQL), complemented by a strong focus on intuitive UI/UX on the web, mobile, and desktop platforms, comprehensive testing, and clear communication to ensure solutions precisely meet business and user needs.

## Skills

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- Core Competencies:
  - System Architecture & Design
  - API Development (REST, GraphQL, tRPC)
  - Backend & Microservice Development
  - Database Design & Management (SQL & NoSQL)
  - Frontend Development & UI/UX Implementation (web, mobile, desktop)
  - End-to-End Testing Strategies
  - Cloud Deployment & Infrastructure (AWS, Fly.io)
  - Technical Leadership & Communication
  - Agile Methodologies
- Primary Tech Stack:
  - Languages: *JavaScript, TypeScript*
  - Backend: *Node.js/Deno/Bun (Nest, Adonis, Express/Encore)*
  - Frontend: *React, Vue, Svelte, Electron, HTML5, CSS3, Tailwind*
  - Databases: *PostgreSQL, MySQL, DynamoDB, MongoDB*
  - Cloud: *AWS (Lambda, SQS, S3, CDK, etc.), Fly.io, Docker*
  - APIs: *REST, GraphQL, tRPC*
  - Messaging: *RabbitMQ, Redis, SQS*
- Experienced & Proficient With:
  - PHP (Symfony, Laravel)

- Ruby (Ruby-on-Rails)
- Python (Django, Flask)
- Adaptable & Willing to Use:
  - Go (Golang)
  - Kotlin
  - Elixir
- Testing: *Jest, Cypress, Playwright, Pest, RSpec, Cucumber, Unit/Integration/E2E Testing*

## Experience

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### NIXAP

Full-Stack Engineer | Contract | Hybrid

- Led full-stack development (PHP/Symfony/Laravel, Node.js, Vue.js) for custom client web applications and internal tools
- Engineered and deployed scalable VoIP multi-service and multi-tenant system integrating PBX/SIP protocols using Node.js and Electron
- Key Tech: *PHP, Node.js, TypeScript, Vue.js, SQL, VoIP/PBX/SIP, Electron, RabbitMQ, Elasticsearch, WebSocket*

### Rio

Full-Stack Engineer | Contract | Remote

- Developed core backend services (Kotlin/NestJS, Node.js) and dynamic frontend features (Vue/Nuxt) for a live-streaming platform
- Key Tech: *Kotlin, NestJS, Node.js, TypeScript, Vue, Nuxt, Postgres*

### Crawless

Full-Stack Developer | Contract | Remote

- Built backend systems (Node.js/TS) and internal CRM (Vue frontend) for a proprietary Electron-based browser automation IDE
- Key Tech: *Node.js, TypeScript, Electron, Vue, REST, Jest, Postgres*

## Dispatch42

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

- Architected and built Node.js/GraphQL microservices and React frontend for a real-time logistics CRM & mobile app
- Implemented real-time notifications/messaging using AWS SQS/Lambda and integrated proprietary hardware data via DynamoDB
- Key Tech: *Node.js, TypeScript, GraphQL, React, AWS (Lambda, SQS, DynamoDB, CDK), Jest*

## Deditech Com

Full-Stack Developer | Contract | Remote

- Led development of a B2B CRM (PHP/Laravel, Vue/Nuxt) and a home rental platform from scratch, ensuring data integrity
- Key Tech: *PHP, Laravel, MySQL, Vue, Nuxt, TypeScript, REST*

## eToro

Back-End Developer | Contract | Remote

- Led backend REST API development (PHP/Laravel) for an iOS mobile application serving job seekers and recruiters
- Key Tech: *PHP, Laravel, MySQL, REST, Pest*

## MKM

Full-Stack Developer | Contract | Remote

- Developed a UK e-commerce platform (PHP/Laravel backend, Vue/Nuxt frontend), integrating headless CRM and payment APIs
- Key Tech: *PHP, Laravel, MySQL, TypeScript, Vue, Nuxt, Cypress*

## GoodLeap

Back-End Developer | Contract | Remote

- Built and maintained Node.js microservices on AWS (Lambda, SQS, S3) for a large-scale solar financing platform, integrating services like DocuSign
- Key Tech: *Node.js, TypeScript, AWS (Lambda, SQS, S3), REST, Jest*

## RentInsider

Front-End Developer | Contract | Remote

- Led frontend development (React/Next.js) from scratch for a Romanian/European rental platform, integrating with a Python REST API
- Key Tech: *TypeScript, React, Next.js, REST, ChakraUI, Cypress*

## Virail

Full-Stack Developer | Contract | Remote

- Developed backend (PHP/Phalcon) and frontend (Vue) features for a high-traffic travel search engine, integrating Elasticsearch for performance
- Key Tech: *PHP, Phalcon, Elasticsearch, Vue, REST, Cypress*

## Deutsche Fintech Solutions

Front-End Developer | Contract | Remote

- Led frontend development (React/Next.js, GraphQL) and transition to a micro-frontend architecture (Luigi) for B2C/B2B financial apps
- Key Tech: *TypeScript, React, Next.js, GraphQL, Luigi, Cypress*

## Travod

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

- Developed backend (Ruby-on-Rails) and frontend (Vue/Nuxt) for an in-house translation services CRM (Traduno)
- Led development of a GraphQL API layer over the existing RoR backend
- Key Tech: *Ruby, Ruby-on-Rails, MySQL, GraphQL, Vue, Nuxt, RSpec*