GRIGORE ODAJIU

SENIOR FULL-STACK ENGINEER / SOLUTION ARCHITECT / TECHNICAL LEAD

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PROFILE

Hands-on Full-Stack Engineer, Solution Architect, and Technical Lead with 18 years of experience architecting and delivering enterprise applications. Led engineering direction for a global, microservices-based field-operations suite serving approximately 3,000 users and an AI/ML analytics platform handling up to 40GB of data. Expertise across React, Angular, TypeScript, Node.js, cloud delivery, modernization, and AI-assisted software engineering; combines technical ownership with production coding and team leadership.

CAREER HIGHLIGHTS

$2M+	~3,000	~8×	20
CLIENT SAVINGS	ENTERPRISE USERS	DELIVERY THROUGHPUT	ENGINEERS LED

TECHNICAL EXPERTISE

Frontend TypeScript, JavaScript, React, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Material UI, accessibility, data visualization

Backend & data Node.js, Express, Fastify, Hono, Bun, PHP, REST APIs, PostgreSQL, MySQL, SQLite, MongoDB, Sequelize, BigQuery

Mobile & product React Native, Progressive Web Apps, Apple Watch / Garmin companion interfaces, UX design, system integration

Cloud & delivery AWS, Google Cloud, Docker, Kubernetes, Nginx, Jenkins, GitHub Actions, CI/CD, Linux, Vercel

Architecture & leadership Solution architecture, technical strategy, system design, team leadership, modernization, stakeholder collaboration, code reviews, AI-assisted engineering (Claude Code, Codex)

PROFESSIONAL EXPERIENCE

NeedIT Solutions — Technical Lead / Senior Frontend Engineer / Solution Architect | Apr 2020 – Sep 2026 | Chișinău

- Technical Lead for both RelayiQ and AES: owned frontend/solution architecture, framework and UX decisions, delivery practices, and technical coordination within a cross-functional engineering team of approximately 10 developers.
- RelayiQ: led frontend engineering for an AI/ML analytics platform with real-time and batch ingestion of up to 40GB; delivered heatmaps, anomaly analysis, automation, and marketplace interfaces.
- Enabled operational insight that identified a plant issue in the first analysis run and helped a client save over $2M.
- AES: technical lead for a global enterprise field-operations platform with approximately 3,000 technicians and managers; contributed to a microservices-based system covering inspections, field service, inventory, capacity, and quality workflows.
- Led modernization of AES from React + PHP to Angular + Go. Using AI-assisted development, a system originally built over nearly 3 years was rewritten in under 5 months. Introduced Claude Code workflows with an estimated ~8× increase in development throughput; supported AWS/GCP, Docker, and CI/CD.

Tacit Knowledge — Frontend Web Developer | Jul 2018 – Apr 2020 | Chișinău

- Modernized established e-commerce storefronts by incrementally migrating jQuery experiences to React while preserving business continuity.

- Delivered live product-personalization functionality, third-party integrations, and accessibility improvements aligned with WCAG.

Stefanini — Technical Lead / Senior UI Developer | Jun 2016 – May 2018 | Chișinău

- Served as Technical Lead and frontend solution architect across client projects; led teams of up to 20 engineers and worked directly with stakeholders on technical decisions and delivery.
- Delivered data-center rack/server placement and environmental monitoring interfaces; contributed to workforce planning tooling for a 10,000+ employee technology company.

Endava — Senior UI Developer / Engineering Lead | Jul 2012 – Jun 2016 | Chișinău

- Built high-security software for a major stock exchange, including compatibility with legacy browsers, and high-load payment-related e-commerce CMS plugins.
- Progressed into project leadership and directly managed 8 engineers.

Yandex — Backend Developer, Tolstoy Summer Camp | Jul – Aug 2013

- Participated in the Yandex Tolstoy Summer Camp and contributed to two software projects (concurrent with Endava tenure).

EARLIER EXPERIENCE

ThinkSoftware — PHP Developer | Oct 2011 – Jun 2012

shs-g AG — Development Team Lead / Web Developer | Jun – Sep 2011

Webtellus — PHP Developer / Web Developer | Mar 2009 – Jun 2011

Freelance — Web & Desktop Software Developer | Nov 2008 – Apr 2010

INDEPENDENT PROJECTS & OPEN SOURCE

Alke — Workout Planning & Tracking Platform | alkeapp.com

- Independently developed a workout-planning and tracking product spanning mobile applications, web/PWA experiences, and companion interfaces for smartwatches; covers exercise selection, workout execution, timers, and progress tracking.

Vanilla Router — Creator & Maintainer | 2016–present | npmjs.com/package/vanilla-router

- Created an MIT-licensed, dependency-free JavaScript routing library for single-page applications; available on npm for over 10 years, with approximately 100 weekly downloads (reported).

EDUCATION & CERTIFICATION

Universitatea de Stat „B. P. Hasdeu” din Cahul — Bachelor’s Degree, Information Technology (2008–2011)

Colegiul de Medicină din Cahul — Bachelor’s Degree, Medicine (2005–2008)

Secure Software Development — Packt, May 2026 | Credential ID: PH93YUSRCR2R

COMMUNITY & LANGUAGES

GirlsGoIT — Volunteer Trainer (Mar 2016–present)

Romanian — Native

Russian — Native / bilingual

English — Professional working proficiency (B2)