

CRISTAFOVICI DAN

Senior Software Engineer

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Senior Software Engineer with 10 years of experience building and scaling zero-to-one products across fintech and industrial sectors. I specialize in scaling products for global markets, delivering technically sound solutions that solve complex business problems efficiently.

Currently, I'm working as a Full Stack Engineer at **Deel**, a fast-growing fintech unicorn. I focus on building and scaling products that help thousands of businesses manage global teams efficiently.

EXPERIENCE

DEEL

JUNE 2024 — PRESENT

Senior Software Engineer

January 2026 — Present

- Partner with product teams during early design to identify architectural bottlenecks and define scalable paths before development begins.
- Lead the optimization of data-fetching and backend processing to ensure instant analytics for enterprise-scale global data.
- Introduced AI-assisted workflows to accelerate refactoring and code quality, shifting team focus toward high-level system architecture.
- Align business roadmaps with technical capabilities by providing feasibility feedback during the product discovery phase.

Software Engineer

June 2024 — December 2025

- Launched a new global product vertical from scratch, moving from initial concept to production in just four months.
- Owned the complete engineering roadmap as the sole developer for two quarters, delivering features and infrastructure updates with full autonomy.
- Engineered a modular, logic-driven survey builder with a seamless auto-save system to ensure a high-performance user experience.
- Led the platform's largest technical rollout for 5,000+ concurrent users, achieving a bug-free launch through proactive testing and stakeholder alignment.

ENDAVA

JUNE 2021 — JUNE 2024

Senior Frontend Engineer

January 2023 — June 2024

- Led the large-scale migration of core UI libraries and TypeScript versions for a global fintech platform, improving system stability and the overall developer experience.
- Developed a complex white-label system that enabled custom feature sets for different international clients, managing the logic for how specific functionality was delivered to each tenant.
- Partnered with architects to research and build 'Proof of Concept' features, bridging the gap between high-level technical vision and production-ready frontend implementation.

- Maintained industry-leading code quality and reliability for high-security financial applications, consistently achieving 95% test coverage across the frontend ecosystem.

Internship Speaker & Team Lead

January 2022 — June 2024

- Orchestrated the technical and professional development of multiple junior talent cohorts, successfully mentoring dozens of interns into full-time engineering roles.
- Designed and delivered advanced training modules on Asynchronous JavaScript, TypeScript, and Frontend Architecture, bridging the gap between academic theory and production-grade code.
- Served as Frontend Team Lead for cross-functional intern squads, managing technical delivery and guiding juniors through their first professional pull requests and production deployments.
- Championed a 'Code Review as a Teaching Tool' philosophy, providing high-quality 1-on-1 coaching to instill best practices in clean code, scalability, and collaborative engineering standards.

Frontend Engineer

June 2021 — January 2023

- Developed features within a large-scale monorepo for a global fintech leader, collaborating across 10+ engineering teams to maintain a unified and stable product.
- Managed the modernization and stability of a legacy React/Redux architecture, delivering new UI functionality while supporting the specific needs of multiple international financial vendors.
- Led security-focused code audits and vulnerability remediation, ensuring the platform met the rigorous safety and compliance standards of the global fintech industry.
- Navigated complex enterprise deployment pipelines and high-pressure release cycles, consistently delivering production-ready code in a strictly regulated environment.

DEVREVOLUTION

AUGUST 2022 — JUNE 2024

Senior Full Stack Engineer

August 2022 — June 2024

- Led a strategic overhaul of the desktop core, modernizing from Electron v13 to v26 to decouple the app from legacy OS constraints and unblock cross-platform QA testing.
- Engineered a hardware simulation engine to mimic real-time industrial machinery, reducing testing bottlenecks by 70% and allowing for development without physical hardware access.
- Re-architected the frontend using MobX and a headless component strategy, creating a high-performance UI library that supports complex data flows and multi-tenant requirements.
- Centralized mission-critical business logic and physics calculations into a unified NestJS backend, enabling a scalable white-labeling system across multiple European markets.

SEO GRAVITY

OCTOBER 2019 — JUNE 2021

Software Developer

October 2019 — June 2021

- Led the engineering of a proprietary food delivery ecosystem for a premium restaurant, successfully migrating the business away from third-party aggregators to eliminate high commission fees.
- Engineered a custom geospatial pricing engine and a real-time 'Order-to-Kitchen' pipeline, automating the entire dispatch workflow through a bespoke administrative dashboard.
- Developed high-traffic medical portals with a focus on extreme performance, achieving sub-second load times and acing Google's Core Web Vitals to maximize search visibility and lead conversion.

- Architected scalable data models using MongoDB to manage complex product catalogs, dynamic content engines, and multi-year order histories for large-scale information systems.



CRISTAFOVICI DIGITAL

JUNE 2016 — OCTOBER 2019

Freelance Software Developer

June 2016 — October 2019

- Spearheaded the end-to-end development of 50+ digital products across diverse industries, managing the complete lifecycle from UI/UX design to server deployment and security hardening.
- Architected and deployed a custom, large-scale e-commerce platform for a major regional construction retailer, engineering complex product catalogs and high-traffic workflows.
- Partnered directly with business stakeholders to translate complex requirements into scalable technical solutions, maintaining a massive throughput of high-quality software.

CORE COMPETENCIES

Frontend Architecture & UI Engineering

React Ecosystem (Hooks, Context), TypeScript, State Management (MobX, Redux Saga/Toolkit), Microfrontends, Performance Optimization (Core Web Vitals), Storybook & Design Systems.

Backend & Systems Design

Node.js & NestJS, API Design (REST, GraphQL), Database Architecture (PostgreSQL, MongoDB), TypeORM, Real-time Systems, and High-Concurrency Logic.

Cross-Platform & Specialty

Desktop Application Development (Electron), Mobile (React Native), Technical SEO, and AWS Infrastructure management.

Engineering Leadership

Technical Mentorship & Lead, Architectural Modernization, Full-Lifecycle Ownership, Stakeholder Management, and "Zero-to-One" Product Strategy.

EDUCATION

Master's Degree Computer Science

Free International University of Moldova

September 2025 — January 2028

Bachelor of Law

Free International University of Moldova

September 2018 — June 2023

French-Science High School

Ion Luca Caragiale, Orhei

September 2015 — May 2018