

TODORESCU-CRIȘAN TUDOR

Senior Full-Stack & Web Application Architect (14 Years Professional Experience)

Email: contact@tudorbuilds.com | Location: Alba Iulia / Cluj-Napoca, Romania (Available Worldwide Remote)

Professional Summary

Senior Software Engineer and Web Architect with 14 years of professional software development experience (commercial and contract delivery since 2012, programming since 2004) specializing in full-scale web applications, enterprise SaaS platforms, and distributed systems. Deep technical expertise across React, Next.js (App Router), TypeScript, Tailwind CSS, Vue.js (Vue 3 / Composition API & Vue 2), Node.js, Express, Playwright, and PostgreSQL/Prisma. Proven track record of designing high-throughput visual workflow builders, browser RPA engines, and enterprise MES systems, alongside scaling high-traffic SaaS applications serving tens of thousands of active users.

Core Technical Skills

Frontend & UI:	Next.js 16/15 (App Router), React 19/18, TypeScript, Vue.js (Vue 3 / Pinia / Vue 2 / Vuex), Tailwind CSS, React Flow, HTML5 / Canvas, Responsive UI/UX.
Backend & APIs:	Node.js, Express, REST APIs, GraphQL, C# microservices integration, PHP, Python, NextAuth / JWT Authentication, Webhooks.
Automation & RPA:	Playwright, Browser Automation, Visual Workflow Engines, Cron Scheduling, Headless Scraping, Codegen.
Databases & ORM:	PostgreSQL, Prisma ORM, MySQL, SQLite, MongoDB.
Architecture & Tools:	SaaS Multi-Tenancy, Visual Workflow Graphs, Docker, CI/CD, Microservices, Git, Agile/SCRUM.

Recent Platform Highlights (Past 3 Years)

- TSC-RPA & TSC-MES (OrgMan) [2026] (Next.js / React Flow / Node.js / Playwright / Prisma) — Presentation: <https://www.orgman.ro> — Visual drag-and-drop RPA automation builder & enterprise MES suite.
- MegaShoot Platform [2025–2026] (Next.js 16 / React 19 / TypeScript / Tailwind / Prisma) — Demo: <https://app.megashoot.ro/> — Creative industry marketplace, event carpooling, and contests.
- Personal Project: Caen Prototype [2025] (100% built by me — React / Next.js / Tailwind CSS) — Demonstration: <https://caen-prototype.vercel.app>
- Senior Frontend Expertise: Kartra [2024–2025] (Vue 3 / Vuex) — Major platform migration & builders for SaaS platform serving ~60,000 users (www.kartra.com).
- Project Lead & Senior Frontend: Zidy [2022–2023] (Vue 3 / TailwindCSS / Pinia) — Customer communication SaaS serving ~2,000 business users (www.zidy.com).

Professional Experience

TSC-RPA & TSC-MES (OrgMan) | Remote Contract

Feb 2026 – Aug 2026

Senior Full-Stack Engineer & Automation Architect (Next.js, React Flow, TypeScript, Node.js, Playwright, Prisma) | <https://www.orgman.ro>

- TSC-RPA Platform: Architected and built an end-to-end web RPA automation platform featuring an interactive visual canvas (React Flow) with Trigger, Action, and Condition execution nodes.
- Built the execution engine in Node.js/Express with Playwright automation for headless/headed browser task execution, recording codegen, and scheduled cron workflows.
- Developed live execution log streaming, interactive testing fixtures, and JSON workflow payload serialization.
- TSC-MES Modules: Engineered core MES (Manufacturing Execution System) modules: Production Planning & Scheduling, Equipment Criticality Tracking, Preventive/Predictive Maintenance Work Orders, Spare Parts Inventory & BOM, and Operator Skill Allocation.
- Implemented real-time production planning alert systems, maintenance runtime interval triggers, and material requirement tracking.

MegaShoot | Remote Contract**Nov 2025 – Jan 2026***Senior Full-Stack Next.js Developer (Next.js 16 App Router, React 19, TypeScript, Tailwind CSS, Prisma) | Demo:**<https://app.megashoot.ro/>*

- Engineered a web platform for creative industry professionals (photographers, models, agencies, MUAs, hairstylists).
- Developed role-based dashboards, gig marketplace (posting, filtering, applying), multi-participant event management, and carpool seat reservation coordination.
- Implemented photo contest voting engine, portfolio/moodboard showcases with canvas-based image cropping, in-app messaging, and multilingual (EN/RO) theming.
- Built comprehensive administration panel for user management, IP banning, user impersonation, CMS content manager, and email notification workflows.

Kartra | Remote Full-Time Employee, GDROMANIA SRL (Romania)**Apr 2024 – Feb 2025***Senior Frontend Developer (Vue 3, Vuex, Docker, SCRUM) | <https://www.kartra.com>*

- Worked together with a cross-functional engineering team (~30 engineers) migrating the main platform from Vue 2/jQuery to Vue 3.
- Managed complex frontend state using Vuex and Docker development environments.
- Collaborated closely with UI/UX designers, backend developers, and DevOps engineers to deliver features for an enterprise SaaS platform serving over 60,000 active users.

Zidy | Remote Direct Contract (USA Client)**Oct 2022 – May 2023***Senior Frontend Developer & Project Lead (Vue 3, TypeScript, Pinia, Tailwind CSS, Azure) | <https://www.zidy.com>*

- Built a scalable and well-structured frontend using Vue 3, Pinia, Tailwind CSS, and TypeScript.
- Integrated frontend seamlessly with C# microservices hosted on Microsoft Azure.
- Developed the frontend for an AI-powered SaaS CRM product currently used by approximately 2,000 business users.

EvobitsIT | Remote Direct Contract, EVOBITS INFORMATION TECHNOLOGY SRL (Romania)**Jun 2022 – Sep 2022***Senior Frontend Developer (Vue 3, Composition API) | <https://www.evobitsit.com>*

- Developed interfaces for an internal SaaS platform managing dedicated server infrastructure and hosting services.
- Programmed using Vue 3 and the Composition API, producing modular, high-maintainability code.

Kartra | Remote Full-Time via Direct Contract (PFA) (USA Client)**Mar 2020 – May 2022***Senior Frontend Developer (Vue 2, Vuex) | <https://www.kartra.com>*

- Developed funnel, marketing campaign, and survey builders from scratch.
- Contributed to UI structure design and UX workflow for the main application modules.
- Implemented frontend using Vue 2 and Vuex for high-converting SaaS marketing tools.
- Participated in the technical hiring and interviewing process for frontend developers.

Kronsoft Development SRL | Remote & On-Site (Germany / Romania)**Sep 2019 – Nov 2019***Senior Frontend Developer (Angular 8+, TypeScript) | <https://www.kronsoft.ro>*

- Implemented frontend interfaces for medical document management systems.
- Developed reusable, high-performance Angular components following enterprise design systems.

ArtSoft Consult SRL | Full-Time On-Site (Cluj-Napoca, Romania)**Feb 2017 – May 2017***Frontend Developer (AngularJS, jQuery) | <https://www.artsoft-consult.ro>*

- Developed jQuery and AngularJS interfaces for enterprise client outsourcing projects.

Freelance via Upwork | Remote (UK Clients)**Jan 2016 – Dec 2016***Frontend Developer (AngularJS) | <https://www.upwork.com>*

- Contributed to small and medium SaaS web applications for international clients.
- Developed various modular UI/UX interfaces using AngularJS.

Pet Kennel Management System | Remote via Upwork (USA Client)**Mar 2014 – May 2015***Full-Stack AngularJS & PHP Developer (AngularJS, PHP, MySQL, AWS) | <https://www.pawsdogdaycare.com>*

- Developed frontend in AngularJS and backend RESTful APIs in PHP/MySQL.
- Managed Agile sprints through Redmine and deployed infrastructure on AWS.
- Startup SaaS platform for pet care, boarding, grooming scheduling, and billing.

Nordlogic Software SRL | Full-Time On-Site (Cluj-Napoca, Romania)**Dec 2012 – May 2014***Full-Stack Web Developer (HTML5, CSS3, jQuery, PHP, MySQL) | <https://www.nordlogic.com>*

- Client projects: MiPiXi, Field-Reporting, Wittos.
- Developed complex web applications and data-driven backend systems.

Internet Objects SRL | Full-Time On-Site (Cluj-Napoca, Romania)**Aug 2012 – Nov 2012***Full-Stack Developer (PHP, MySQL, Payment Gateways)*

- Integrated PayPal payments and order management for the “Resto-In” food delivery platform.
- Developed custom CMS in PHP/MySQL for a distributed restaurant network.

Education

- Bachelor's Degree in Programming & Computer Science — “1 Decembrie 1918” University, Alba Iulia (2009–2012)
- High School Diploma – Mathematics & Computer Science — HCC College, Alba Iulia (2004–2008)