

Rusu Adrian Paul

Senior Full-Stack Developer · Zalău, Romania · Open to remote

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Summary

Senior full-stack developer with 10 years of experience building web platforms end to end, from architecture to production. Strong in React, TypeScript, Node.js and Java/Spring, with serverless AWS and self-hosted infrastructure. Led a development team, ran technical interviews and drove migrations from legacy frameworks to modern stacks. Daily user of AI-assisted development and testing to ship faster without lowering quality. Currently contracting for a global sports betting and gaming group on customer-facing pages and internal promotion tools.

Experience

Senior Web Developer (Contract) — We as Web · Remote

Jun 2024 – Present · Client: global sports betting and gaming group · Java, Spring, React, Redux, Angular, FreeMarker, Mustache.java, Couchbase, AWS, Docker, Microservices, Selenium, TestNG

- Built and maintained high-traffic customer pages: promotion details, My Account and homepage features.
- Migrated services from the client's in-house Java framework to Spring, and frontends from the in-house framework and Angular to React.
- Developed internal tools for promotion management and user management.
- Implemented privacy policy, consent and re-consent flows.
- Rebuilt a service UI app in React, Redux and shadcn/ui: dashboard layout, API integration, charts, tables and search.
- Wrote UI automation tests with Selenium and TestNG; onboarded new team members and worked closely with permanent staff.

Full-Stack Developer & Technical Consultant (Independent) · Remote

May 2021 – Present · TypeScript, Next.js, Node.js, PHP, AWS Serverless, Solidity, GraphQL, PostgreSQL, Ethereum/EVM

- Worked on imobiliare.ro, Romania's leading real estate platform: built a Next.js proof of concept to replace the legacy PHP stack, then shipped new features and a full redesign on the existing PHP platform.
- Built several crypto-focused applications end to end, from architecture to deployment.
- Designed secure smart contract interactions with MetaMask for minting and transactions.
- Technical advisor and developer for an early-stage crypto startup, delivering its first production version.
- Built event-driven applications on AWS Amplify, CDK, Lambda and DynamoDB.

Senior Developer & Technical Lead — StarChain Solutions · Remote

Dec 2021 – Feb 2024 · Contractor, then full-time employee · Vue, Next.js, TypeScript, AWS Amplify, CDK, Solidity, TailwindCSS, GraphQL

- Technical lead for a cross-functional development team; set the technical direction and ran technical interviews for new hires.
- Led development of a web game platform simulating real horse races with blockchain integration, delivering a complete MVP covering every designed flow.
- Built the pre-signup website for Motorverse.
- Contributed to web3 integrations for games by Animoca Brands.
- Built proofs of concept for secure, scalable transaction flows and integrated MetaMask wallets.

Web Developer — 3Pillar Global · Cluj-Napoca

Nov 2018 – May 2021 · React, TypeScript, Redux, Java Spring, Node.js, AWS, Serverless

- Contributed to large-scale search and media platforms for clients including LexisNexis and [Fortune](#).
- Refactored legacy code into modern React and TypeScript.
- Kept code quality high through Jest unit tests and code reviews.
- Delivered UI components and secure REST API integrations in agile teams.

UI Web Developer — Pitech Plus · Cluj-Napoca

Aug 2017 – Oct 2018 · React, Redux, Angular, TypeScript, PHP Drupal, Java Spring

- Built reusable UI components for complex business apps.
- Worked on e-commerce, remote device management and automotive finance products.
- Connected React and AngularJS frontends to PHP and Java backends.

Web Developer — HSDS · Cluj-Napoca

Jun 2016 – Jul 2017 · Java, AngularJS, amCharts, jQuery, SCSS, Bootstrap, PHP, PostgreSQL, Git

- Built and maintained websites for international hotel brands.
- Implemented dashboards, reports and data visualizations for hotel revenue management applications.
- Built a revenue management application from scratch with Java and AngularJS, with a responsive UI and interactive charts.

Projects

Hyper — Multi-tenant ERP & Marketplace (own product) · 2026 – Present

TypeScript, Node.js, Fastify, Prisma, PostgreSQL, Redis, BullMQ, Meilisearch, Next.js, React Query, Zustand, Stripe, Docker, Caddy, Vitest, Playwright

- Designed and built a platform for Romanian businesses: ERP back office, multi-vendor marketplace and public storefront. It runs as a multi-tenant SaaS and can also be deployed per client as a white-label marketplace with their own brand and domain.
- Backend of 80+ data models: inventory across warehouses, sales and purchase orders, invoicing, payments, returns and reporting.
- Tenant isolation with PostgreSQL row-level security; RBAC with 5 roles and 138 permissions, down to warehouse level.
- Integrations: ANAF e-Factura (OAuth, outgoing and incoming invoices), SoftOne ERP sync, couriers (FAN Courier, Cargus, Sameday) and Stripe subscriptions with webhooks and usage billing.
- Marketplace flows for buyers, vendors and admins: cart, checkout, wallet, coupons, reviews, payouts and commission invoices.
- Contract-first API: OpenAPI spec generated from Zod schemas, typed frontend client generated from it in CI.
- Self-hosted staging on a bare server with Docker Compose, Caddy and a fail-closed, idempotent CI deploy script.
- Built end to end with AI-assisted development and agentic workflows: planning, coding, ~200 test files and code review.

Cazare Mihaieni — cazaremihaieni.ro (own project) · Live

Next.js, React, TypeScript, Tailwind CSS, next-intl, Nodemailer, AWS Amplify, Google Analytics

- Bilingual website for holiday cottages near the Mihaieni thermal pool; it already brings in direct bookings, and guests find it through search.
- Reservation and contact forms with email delivery, Romanian and English versions, and SEO built in: structured data, sitemap and optimized images.
- Automatic deploys on AWS Amplify.

Skills

- **Languages:** TypeScript, JavaScript, Java, Solidity, PHP
- **Frontend:** React, Redux, Next.js, Vue, Nuxt.js, Angular, TailwindCSS, shadcn/ui, React Query, Zustand
- **Backend:** Node.js, Fastify, Express, NestJS, Java Spring, GraphQL, REST/OpenAPI, microservices, BullMQ
- **Databases & search:** PostgreSQL, Prisma, MySQL, MongoDB, Redis, Couchbase, Meilisearch
- **Cloud & infrastructure:** AWS (Lambda, Amplify, CDK, DynamoDB, S3, SES, ECS), Firebase, Docker, Caddy, self-hosted servers
- **AI-assisted engineering:** AI coding assistants, agentic workflows, AI-assisted code review and test automation
- **Testing:** Vitest, Jest, Playwright, Selenium, TestNG
- **DevOps:** GitHub Actions, Jenkins, GitLab CI, infrastructure as code
- **Blockchain:** Ethereum/EVM, smart contracts, MetaMask integration
- **Ways of working:** technical leadership, technical interviews, mentoring, code reviews, remote and distributed teams, legacy migrations

Education

Bachelor's Degree, Automation and Computer Science — Technical University of Cluj-Napoca · 2013 – 2018

Languages

Romanian (native) · English (fluent)

Interests

DIY and crafting, beekeeping, agriculture, cooking