

Vlad Ivanov

Software Engineer | Frontend Platform & Developer Experience

Chernihiv, Ukraine | Remote

oss@moddi3.com | +380 73 067 1008

linkedin.com/in/moddi3 | github.com/moddi3 | moddi3.com

SUMMARY

Software engineer with 8+ years of experience building TypeScript web products and the delivery tooling around them. Focused on frontend architecture, developer experience, and server rendering, with hands-on work including CI/CD, Node.js BFF, observability and backend integration.

PROFESSIONAL EXPERIENCE

Ukrainian Nonprofit Organization (confidential)

Remote

Volunteer Software Engineer

Jan 2025 - Present

- Maintain and extend a React Router website deployed on Cloudflare (~4k monthly visitors) and administer the organization's Google Workspace.
- Migrated user accounts and data to a new Google Workspace.
- Built an analytics system for a public document archive with an admin panel that requires login (Cloudflare D1, Better Auth).
- Integrated WayForPay payments (Cloudflare Workers) and a Resend contact form.

SendPulse

Chernihiv, Ukraine / Remote

Frontend Developer

Jul 2018 - Present

Over 8 years, my scope grew across SendPulse's website builder, email, and education products, from product frontend to architecture, Node.js BFF and server rendering, delivery pipeline, and maintenance.

- Helped build and maintain SendPulse website-builder products, from mini landing pages to a full website editor.
- Redesigned NgRx state for the full website builder (normalized store). Replaced a hard-to-maintain state model so editor changes no longer touched unrelated state.
- Modernized customer-site rendering from persisted Angular SSR files to incremental rendering, implementing the Angular and Node.js BFF changes. Coordinated the Laravel integration with a backend engineer. The migration removed state drift, restored cacheable hashed assets, and enabled safer Angular upgrades. The renderer regenerates 33K+ distinct pages each month.
- Moved builds and releases to Docker images, GitLab Container Registry, Traefik, and rolling deployments. Moving Angular builds off production eliminated CPU and memory pressure that had slowed site rendering. Typical deploy went from 15-20 min to 2-3 min.
- Simplified the Node.js rendering platform by unifying the mini-landing and full-site renderers, standardizing API validation with Zod, and adding Sentry and Grafana observability.
- Improved the website builder's development workflow by introducing clearer Nx monorepo boundaries, restoring automated testing and GitLab reporting, and enabling isolated branch preview environments for larger changes.
- Integrated Vercel AI SDK into the website builder text widget for generating, rewriting, and polishing text.
- Set up shared packages practice: common code lives in owned Nx packages instead of copy-paste.

SELECTED PROJECTS (OSS)

OpenCode Wrapped

github.com/moddi3/opencode-wrapped

TypeScript, local-first CLI

Created a personalized annual OpenCode usage recap, adapted by others for Codex, Claude Code and Gemini CLI. Announcement post: 55K views.

Mattermost Redmine Link

github.com/moddi3/mattermost-plugin-redmine-link

Go, Mattermost plugin

Built a configurable plugin that enriches Redmine issue links in Mattermost with issue metadata from public or private Redmine instances. Used daily inside SendPulse.

Additional contributions to RxAngular and Intro.js.

TECHNICAL SKILLS

Languages and frontend: TypeScript, JavaScript, HTML, CSS, Angular, RxJS, NgRx, React, React Router

Platform and backend: Node.js, Express, Cloudflare Workers, D1, Angular SSR/ISR, REST APIs, Zod, SQL

Delivery and developer experience: Git, GitLab CI/CD, Docker, Traefik, Nx, Changesets, Jest, ESLint, Prettier

Observability: Sentry, Grafana

AI-assisted development: Claude Code, Codex, OpenCode, multi-agent workflows

EDUCATION

College of Transport and Computer Technologies

Chernihiv, Ukraine

Junior Specialist with honours, Technician-programmer — Maintenance of software systems and complexes

2018

LANGUAGES

Ukrainian — Native | English — Upper-Intermediate (B2)