

Full-stack engineer with TypeScript at the core. Writing software for over a decade, the last years spent shipping production systems end to end: web, mobile, backend and the infrastructure underneath. Co-founder and CTO of a two-person product studio, so "you build it, you run it" is not a slogan but my normal week — from first commit to deploy, monitoring and the occasional 2 a.m. fix. Heavy day-to-day use of browser automation (Playwright) and LLM integration in production.

01 EXPERIENCE

Co-Founder & CTO · BLink d.o.o DEC 2025 — PRESENT

- Co-founded a two-person studio building civic and commercial software; I own the entire engineering surface across five products — architecture, code, infrastructure, deploys and operations.
- Outreach** — internal B2B lead engine: a TypeScript + Playwright crawler that visits thousands of small-business websites, detects missing 3D/AR/configurator features, enriches contact data and scores leads with Vertex AI into an SQLite-backed queue.
- Urbano** — civic platform for the city of Banja Luka (180,000 residents), live in production at urbano.ba: geolocated issue reporting, 143 digitized government forms, SSO across five subdomains, and a RAG assistant answering bureaucratic questions with citations over ~22,300 document chunks (TypeScript, React, Node/Express, pgvector).
- Omaška** — SaaS for psychotherapy practices: 24/7 booking with SMS verification, clinical documentation (SOAP/DAP, PHQ-9/GAD-7 scoring, risk assessment), invoicing, a secure client portal and no-code automations; AES-256 field encryption, audit logs, GDPR tooling. Full demo live at krnetic-demo.jjovan.com.
- Sinapsa** — operating system for private clinics: booking, clinical records, billing and a patient portal across three surfaces (Next.js 16, Prisma, PostgreSQL, Stripe).
- BLBus & Djir** — real-time transit arrivals from a GTFS-realtime feed over WebSocket, and a ride-hailing platform for cash-first regional markets (React Native, Expo, NestJS); both currently in development.

Software Engineer · freelance & contract 2020 — PRESENT

- Longi** — multi-brand headless commerce engine with 3D product storytelling: Next.js, Strapi CMS, Stripe, Three.js, monorepo architecture with an analytics dashboard and multi-language support.
- Built and delivered client systems across the region: web portals for news agencies, e-commerce with complex inventory and payment logic, booking platforms and internal analytics tools.
- Shipped five consumer mobile apps end to end on Expo / React Native with tRPC APIs, from product design through store delivery.
- Designed and ran my own delivery pipeline: Docker, GitHub Actions CI/CD, Terraform, deployments on AWS, GCP, Cloudflare and Vercel — including a Playwright visual-regression suite that screenshots every page across breakpoints and browsers before each deploy.

02 SKILLS

LANGUAGES	TypeScript, JavaScript (Node.js), SQL, C
AUTOMATION	Playwright (library + test runner), headless Chromium pipelines, crawling & data enrichment at scale
BACKEND	Node.js, Express, NestJS, PostgreSQL, Prisma, Drizzle, Redis, WebSocket, Stripe
FRONTEND	React, Next.js, Vite, Tailwind CSS, Three.js / WebGL, GSAP
MOBILE	React Native, Expo, tRPC
AI / LLM	LLM integration (Claude, GPT, Vertex AI), RAG systems, pgvector, embeddings
INFRA	Docker, Kubernetes, Terraform, GitHub Actions, AWS, GCP, Cloudflare

03 EDUCATION

BSc Software Engineering
in progress
Computer Science Technician
secondary education, completed

04 LIVE WORK

urbano.ba — civic platform, in production
krnetic-demo.jjovan.com — Omaška SaaS, live demo
lanaz.art — client portfolio site
jjovan.com — my site, with full case studies
Languages: Serbian (native), English (fluent), French (basic)