Nenad Mikovic

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SUMMARY

Senior Software Engineer with 8+ years of experience building scalable business platforms, AI SaaS products, and automation systems. Proven ability to deliver full-stack solutions from architecture to production using modern web technologies, cloud infrastructure, and AI integrations.

EXPERIENCE

Senior Software Engineer, Boban Comerc LLC **- Vrnjacka Banja, Serbia** **2018–Present**

- Modernized legacy monolith into scalable cloud-ready business platform.
- Built ERP modules for orders, dispatch, routes, warehouse, invoicing, and user roles.

SaaS & AI Architect, Freelance **- Remote** **2023–Present**

- Designed AI SaaS systems with subscriptions, token logic, dashboards, and automation.
- Managed architecture, development, deployment, and integrations end-to-end.

Web Development Instructor, Udemy **- Remote** **2018–2020**

- Mentored students in web development, architectural design patterns, and server infrastructure setup.
- Taught foundational concepts with practical production deployment.

PROJECTS

Stellaris **May 2026 - Present**

- Architected and shipped a **production SaaS platform for automated trading** on MetaTrader 4/5 (AI strategy building, backtesting, 24/7 execution): marketing site, customer app, and admin panel in Next.js on Supabase.
- Built **managed cloud trading terminals**: a Python orchestrator automatically provisions an isolated, containerized MetaTrader terminal for each customer account on our own infrastructure.
- Engineered a **real-time execution gateway** (Deno, Redis) streaming trades, commands, terminal status, and execution metrics.
- Developed a **JSON-driven strategy engine** in MQL5, auto-ported to MQL4 and verified by a C++ simulation harness.
- Built an **AI strategy assistant** with tool calling and per-user usage metering, plus a Strategy Studio for chart drawing, backtests, and parameter optimization.
- Delivered **production-grade security and billing**: TOTP MFA, Row Level Security on every table, sealed broker credentials (libsodium), Whop and PayPal subscriptions, GDPR consent, and server-side conversion tracking (Meta CAPI, GA4).

OrbitAI Labs **May 2025 - Present**

- Architected and deployed a **production-ready AI SaaS platform** combining subscriptions, licensing, token-based AI usage with real-time streaming, and chat/voice assistants in one dual-repository system.
- Developed **automated billing, licensing, and data pipelines** including webhooks, subscription enforcement, secure downloads, trading analytics, web scraping, and AI content publishing.

Boban Comerc LLC Business Solutions **2018 - Present**

- Designed and delivered a **custom ERP platform** centralizing sales, dispatch, warehouse operations, invoicing, fleet management, and role-based access control for a high-volume logistics business.
- Built a **real-time logistics orchestration system** with truck scheduling, dispatcher workflows, delivery tracking, GPS fleet monitoring, and automated route generation via mapping APIs.
- Engineered **business process automation pipelines** for invoice generation, VAT/pricing calculations, driver notifications, and multi-channel messaging across SMS, Viber, WhatsApp, and Email.

Trading Bots Infrastructure **January 2024 - March 2025**

- Built MT4/MT5/cTrader bots with risk automation, license APIs, and analytics.

EDUCATION

Bachelor of Science in Economics, VŠPEP Belgrade **2017–2021**
Associate Degree in Industrial Management, VPŠSS Kruševac **2017–2020**

SKILLS

Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, Framer Motion, HTML/CSS
Backend: Node.js, Deno, Python, Express, Prisma, REST APIs, MQL5/MQL4, C++
Data: PostgreSQL, Supabase (RLS, Realtime, Edge Functions, pg_cron), Redis, MySQL, MongoDB
DevOps: Docker, Linux VPS, CI/CD (Git, GitHub Actions), Vercel, Caddy
AI: OpenAI API, Tool-calling Assistants, RAG, Chatbots, Voice AI, API Integrations
Integrations: Whop, PayPal, Resend, Google Analytics 4, Google Tag Manager, Meta Conversions API