

Zivko Ostojic

Software Engineer

Serbia · Remote (EU time zone)

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SUMMARY

Software engineer with 5+ years of experience building production-grade web systems and SaaS products across enterprise, startup, and contract environments. Strong focus on architecture, performance, maintainability, and end-to-end ownership across frontend, backend, data workflows, integrations, and deployment.

CORE SKILLS

Frontend: TypeScript, JavaScript, React, Next.js, Vite, React Router, TanStack React Query, Lit, Emotion

Backend & Data: Node.js, Hono, Express, Python, FastAPI, Celery, PostgreSQL, SQLAlchemy async, Alembic, Drizzle ORM, Redis, MongoDB, Mongoose

AI / Analytics: LLM integrations, OpenAI, Gemini, Perplexity, LLM content pipelines, prompt engineering, deterministic and AI-derived scoring systems, analytics dashboards, A/B testing, uplift reporting

Mobile / Interactive: Capacitor, Android, iOS, Unity

Infrastructure & Ops: Docker, GitHub Actions, Azure, Render, Supabase, Redis Cloud, CI/CD pipelines, JWT, RBAC, Clerk, Firebase Auth, Sentry, Flower, Grafana

Integrations: Klaviyo API, Google Sheets API, Stripe Checkout, Stripe Webhooks, Stripe Connect, OneSignal, Twilio, Mailjet, Apple Wallet PassKit

Prior Production Experience: Java Spring Boot, C# / .NET

EXPERIENCE

ZivkoDev Studio | *Software Engineer*

February 2026 - Present

Contract-based software engineering work focused on product architecture, frontend implementation, backend services, third-party integrations, data workflows, and production delivery.

Projects

E-commerce Analytics Platform

- Designed and built a SaaS analytics platform from scratch for e-commerce brands tracking revenue attribution, ROI, and campaign performance across marketing channels
- Built multi-tenant React dashboards with KPI views, client-side filtering, and fast reporting workflows for campaign and revenue analysis
- Designed async data pipelines for third-party marketing and reporting data, attribution aggregation, and cached PostgreSQL reporting
- Implemented JWT-based authentication and organization-scoped RBAC across API endpoints and background workers

Tech: React, TypeScript, Vite, Python, FastAPI, Celery, PostgreSQL, SQLAlchemy async, Alembic, Redis, Docker, Clerk, Klaviyo API, Google Sheets API

E-commerce AI Activation Platform

- Contributing to an AI-assisted email activation platform that generates personalized customer campaigns based on real user behavior
- Worked across event ingestion, customer profiling, LLM-driven content flows, A/B testing logic, and revenue/uplift reporting
- Supported distributed backend architecture with Celery workers, scheduled pollers, Redis queues, PostgreSQL data models, and service-level monitoring

Tech: Python, FastAPI, Celery, Redis, PostgreSQL, SQLAlchemy async, Alembic, Klaviyo API, LLM pipelines, Sentry, Grafana, Render, Supabase

Online Ticket Selling Platform

- Contributed to a production platform for online ticket sales, event operations, customer purchase flows, checkout, ticket lifecycle workflows, refunds, transfers, and operational bug fixes
- Worked on production integrations across payments, authentication, notifications, and release workflows, including Stripe, Firebase Auth, and mobile delivery through Capacitor
- Supported Android/iOS integration groundwork with Capacitor, including platform checks, native plugin readiness, and dual-target web/native support

Tech: React, TypeScript, Vite, React Router, TanStack React Query, Node.js, Express, MongoDB, Mongoose, Stripe, Firebase Auth, Docker, Capacitor, Android, iOS

Android Kiosk Application

- Reconstructed and delivered a production Android kiosk app for tablet deployment, restoring a legacy Unity project and resolving broken scenes, missing script references, corrupted assets, and package migration issues
- Fixed Unity UI and video rendering issues across Canvas Scaler configuration, RectTransform anchors, RenderTexture playback, alpha video compositing, Android build settings, IL2CPP/ARM64 target, permissions, and app icon setup

Tech: Unity 6, C#, Android, URP, IL2CPP, TextMeshPro, Unity VideoPlayer, Git LFS

Gaiseo | *Lead Developer*

Apr 2025 - Oct 2025

- Designed and built a B2B SaaS platform analyzing website visibility in AI-generated search results
- Implemented deterministic and AI-derived scoring engines with multiple LLM providers and prompt pipelines
- Owned system architecture, CI/CD, security, subscription flow, and production readiness

Tech: TypeScript, Next.js, Node.js, Hono, PostgreSQL, Drizzle ORM, Redis, Docker, Azure, Stripe

Conga | *Frontend Developer / Component Library Engineer*

Mar 2022 - Mar 2025

- Led engineering work on enterprise data grid and table components used across multiple products
- Built reusable React/Lit UI components, Storybook documentation, and cross-team component adoption workflows
- Improved performance, reliability, and maintainability of complex UI features in collaboration with design, QA, and product teams

Tech: JavaScript, React, Lit, Storybook

FincoManager | *Full-Stack Developer*

Jan 2022 - Mar 2022

- Built backend and frontend features for a finance-focused web application supporting accounting workflows
- Designed database-driven reporting and financial statement functionality

Tech: Java Spring Boot, React, TypeScript, SQL

Vega IT | *Software Engineering Intern*

Jul 2021 - Nov 2021

Early professional experience focused on frontend development and industry best practices.

EDUCATION

Faculty of Technical Sciences | University of Novi Sad

Energy Electronics and Electric Machines, completed coursework

ADDITIONAL

Fluent English · Enterprise, startup, and contract experience · End-to-end system ownership