

Viacheslav Kostenko

Software Developer | NextJS & NodeJS Specialist

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Summary

Software developer specializing in interactive masterplan maps and WebVR experiences (Three.js, Mapbox, krpano) for real estate clients. Sole frontend owner of 5+ production projects and sole developer of a production e-commerce platform.

Experience

VisEngine LTD

Great Britain, London (Remote)

Software Developer

Sep 2024 - Present

- Sole frontend developer across 5+ commercial projects — interactive masterplan maps for clients in the UAE, Saudi Arabia, Japan, and the UK, built with React, Next.js and TypeScript;
- Built reusable components for masterplan maps, cutting new project setup from ~3 days to ~1.5 hours;
- Built an internal SVG polygon tool (React) replacing the Figma draw-and-export workflow, cutting per-polygon time from ~90s to ~9s;
- Integrated the krpano engine to build VR tours with immersive 3D depthmap transitions, opening new business development opportunities for the company;
- Built route-drawing logic based on Mapbox GL;
- Optimised smart-loading logic for **Pannellum** VR tours, cutting load time from ~4-5s to ~0.5-1s;

<https://visengine.com/>

STS LTD

Kyiv, Ukraine (Remote)

Fullstack Developer

Jan 2023 - Present (part-time)

- Sole developer of a production e-commerce platform — Next.js, Node.js/Express, MySQL;
- Built an internal CRM to streamline management of 350+ products across 150+ categories;
- Own the full infrastructure: VPS deployment, Nginx, SSL, automated image pipeline (Sharp);
- Integrated Google Analytics and built an admin analytics dashboard;

<https://www.wallpapermarket.org/>

Skills

Frontend

SCSS, Three.js, React, Next.js, Mapbox GL, krpano, Pannellum

Tools

Blender, Photoshop, Figma, Claude Code

DevOps

Linux, Nginx, SSL, VPS deployment, Git/GitLab

Backend

MySQL, PostgreSQL, Node.js, Express, REST API

Languages

JavaScript (ES6+), TypeScript

Projects

Interactive Masterplans - VisEngine

Sep 2024 - Present

Built the frontend — UI/UX, mobile adaptation, API integration, and animations

saas-staging.visengine.app - Saas Interactive Map

[alaqtar-staging.visengine.app](#) - Alaqtar Interactive Map

[niseko-golf-estates.visengine.app](#) - Niseko Interactive Map

[albarari-staging.visengine.app](#) - Albarari Interactive Map

VR Tours with 3D Transitions - VisEngine May 2026 - Jun 2026

Built immersive VR tours using depthmap-based OBJ geometry for smooth 3D transitions between panorama scenes (krpano).

McCarthy Stone Apartment VR - https://vr.visengine.app/vr_tour_k1/tour.html

McCarthy Stone Stamford Apartment VR - https://vr.visengine.app/vr_tour_k2/tour.html

 Education

Vistula University Bachelor of Science

Computer Science Warsaw, Poland • 2024 - 2028

Concentration in Software Development and Machine Learning. Relevant Coursework: Databases, Probabilistic Methods and Statistics, Software Engineering, Cloud Technologies, Operating Systems, Big Data Management, Computer Networks, Object Oriented Programming, Management in IT

<https://vistula.edu.pl/en>

 Languages

English	Polish
B2	B2
Ukrainian	Russian
Native	Native