Stanislav Ermolenko

Creative technologist. XR developer, AI automation specialist, creator. Building projects where technology meets culture and local heritage.

Kirov / Slovobodskoy, Russia • stas@staniverse.xyz • VK: @stanleymarchx • Telegram: @stanleymarch • staniverse.xyz

SKILLS AND AREAS OF INTEREST

Skills and tools

- design and development of virtual spaces and XR-experiences (Unity, **Blender**, **WebXR**)
- AI agents and automation (**n8n**, **Dify**, Python, **LangChain**, Supabase, Neo4j)
- web development (**Tilda**, Astro, **WebXR**, **WordPress/WooCommerce**, **Quartz**, Telegram Bot API)
- video production and editing (DaVinci Resolve, Premiere)
- live broadcasting and streaming: switching, audio/video mixers, remote production (4G bonding, encoders)
- audio production: recording, editing, sound design, mastering (Reaper, Ableton, Audition)
- SMM and content strategy
- teaching and curriculum development
- photogrammetry (RealityScan), Gaussian Splatting (LichtFeld Studio, SuperSplat)
- IoT and smart home (YandexAlisa, Home Assistant, Raspberry Pi, ESP, Arduino, protocols)
- infrastructure (Linux, Docker, Nginx/Caddy, self-hosting, OpenWrt)

Areas of interest: metaverse and immersive technologies, AI agents and digital presence, digital heritage and local studies, local identity and new media, IoT and smart home

WORK EXPERIENCE

Freelance | XR, AI Automation, Web, Media

2023 — present, Kirov / Slovobodskoy

VR spaces, AI agents and automation, web projects, video. Consulting on automation and agent systems.

VyatSU, "Digital Departments" Program | Instructor / Curriculum Developer

2023 — 2025, Kirov

Continuing professional education programs "Applied Software Development" and "AI Solutions Development". Lectures and practical sessions, curriculum design, assessment materials. Filming, editing educational content, live broadcasts.

- Topics: UI/UX (**Figma**), web design (**Tilda**), generative AI, chatbot creation, integration of agent systems into research practice.

VyatSU Information and Communications Office | Media Center Curator

2015 — 2023, Kirov (officially — computer equipment operator)

8 years at the VyatSU media center.

- **Broadcasting:** live coverage of regional leadership events. Switching, audio/video mixers, remote production (4G bonding, codecs). In 2020 — technical production of Russia's first online graduation

ceremony in **Minecraft** (~100 participants, speech by the Deputy Minister of Science and Higher Education of the Russian Federation, RIA Novosti, RT). IT Department consulting.

- **Mentorship:** the media center was an open space for students of any major: filming, editing, photography, podcasts, longform articles. Intensive competition preparation with select students. Mentor of gold medalists at the XXII Delphic Games in TV journalism (2023).
- **Projects:** various university projects — from concept to delivery.
- **Media production:** video, audio, web projects, SMM.
- **Events:** active involvement in organizing and media coverage of events and forums at various scales (Kirov Urban Forum, etc.).
- **Online courses:** MOOCs and live-streamed formats — for external clients and internal university needs. Curriculum design and production.

EDUCATION

VyatSU | Bachelor, Public and Municipal Administration 2026, Kirov

VyatSU | Continuing Education, Law 2024, Kirov

VyatSU | Continuing Education, Internet Marketing 2024, Kirov

VyatSU | Continuing Education, Digital Technologies in Journalism and PR 2021, Kirov

ADDITIONAL EDUCATION

Certificates: Yandex.Disk

Art&Science premasters track — ITMO 2026

Agents Week intensive — Yandex SDA 2026

Somnium Space Academy — online 2026

VR Development with Unity, XR Interaction Toolkit — Stepik 2025

Unity Essential Pathway — Unity Learn 2024

XR Intensive — Digital Autumn: Changing Perspective — Digital Autumn 2024

"VR Developer with Unity" course — Dreamer 2024

Modern Digital Technologies — VyatSU 2024

Introduction to the Music Business — Berklee College of Music, edX 2015

Vocal Recording Technology — Berklee College of Music, edX 2015

SELECTED PROJECTS AND WORKS

Portfolio: staniverse.xyz/works

staniverse.xyz — digital garden and portfolio staniverse.xyz 2026

Quartz 4, **WebXR**, Obsidian, GitLab. Interactive 3D knowledge graph with AR/VR support.

"Tyaga" — interactive web experience details 2026

First generative art project — visualizing the mechanics of dependency. Assignment on the Art&Science premasters track (ITMO). p5.js.

Maslenitsa in Slovobodskoy — social VR experience details 2026

Somnium Space. Sobornaya Square of Slovobodskoy recreated with Maslenitsa attributes. European platform audience discovers East Slavic culture through a VR experience of a small provincial town. Final project of Somnium Space Academy.

Digital set design for "I Will Not Deceive Myself" — ArtMasters, finals details 2025

First experience with digital scenography in a theater context. 12x6m LED screen, projection mesh. Audio-reactive elements via AudioLink + Poiyomi Shader. Unity. Theater na Tsvetnom MTS Live, Moscow.

kupi-chertezh.ru — migration of an engineering documentation store details 2024

Several thousand items from OpenCart to **WooCommerce**: restoring payment processing and automated digital product delivery. Content automation via **n8n** — runs autonomously.

Video "One Day with a Garbage Truck Crew" — for the regional waste management operator details 2024

Full production cycle — from scriptwriting to final video. ~70,000 VK views.

MetaAdvokat — virtual law office in the metaverse details 2023

Virtual space on Spatial.io shaped as a lawyer's badge. Unity, ProBuilder, **Tilda**. Event and discussion hall, separate room for anonymous consultations (in collaboration with the Kirov AIDS Center).

Industrial Architecture Catalog of Kirov Region details 2023

WordPress. Catalog with user accounts, object submission form, and admin notifications via Telegram bot. Supported by the Potanin Foundation.

Vyatka Kremlin Arch — digital preservation details 2023

Drone photogrammetry (DJI Mini 2), RealityCapture, **Blender**, Spatial.io. Exhibition space around the 3D model. NFT series.

Inclusive Higher Education Forum website details 2022

Tilda. Online showcase of ready-made solutions in inclusive education — for experience sharing between organizations.

"Yermil Kostrov" — sound design and editing for animated short details 2022

Full audio responsibility: sound design, music selection, voiceover recording and processing.

Audio play "Saltykiada" details 2017

Recording, editing, sound effects, music, mastering.

AUTHORIAL MEDIA PROJECTS

ya.ty.gorod. 2018–2024

Media project about Kirov region: people, places, grassroots initiatives. Travel and documentary video, photography, 360 panoramas, longform articles. Prize winner of Russian and international student media competitions. Winner of "MediaMaster-2019" (Russia, Kirov).

YouTube • VK

staniverse 2023 — present

Channel and brand. Telegram and YouTube — technology and culture. Website — digital garden, portfolio, **WebXR**.

Telegram • YouTube

ACHIEVEMENTS

- Finalist of **ArtMasters-2025** — Virtual Worlds Designer, Top 10 (Moscow)
- Winner of **"MediaMaster-2019"** — Blogger of the Year (Kirov) — for the ya.ty.gorod. project
- Mentor of **gold medalists at the XXII Delphic Games** — TV Journalism (Saratov, 2023)
- Prize winner of the **XV Delphic Games of Russia** — TV Journalism (Tyumen, 2016)
- Finalist of **"Eurasia Space-2019"** — Best Student Media Project (Moscow)

PUBLIC TALKS AND WORKSHOPS

"Atmosphere of Flight-2024" Festival — "How to Create a Metaverse Using Photogrammetry and Aerial Photography" 2024, Kirov

Speaker

"Mechanics of Memory" — session "Charushin 2022 and Cultural Initiatives of the City" 2022, Kirov

Speaker

Media Forum "On Seven Hills. Vyatka-2019" — round table "New Formats of Video and Audio Content" 2019, Kirov

Speaker (ya.ty.gorod.)

Hackathon "VyatkaMediaCreative" — podcast workshop ~2019, Kirov

Speaker, expert

Video production workshops within the "Discovering Vyatka" project (Presidential Grants Foundation) 2017, Kirov

Instructor

MEDIA MENTIONS

VyatSU demonstrated leadership in training creative industry professionals — vyatsu.ru *(ArtMasters)* 2025

"Atmosphere of Flight-2024" festival — talk on photogrammetry and metaverses — VK *(speaker)* 2024

Governor congratulates gold medalists of the XXII Delphic Games — bnkirov.ru *(mentor)* 2023

Kirov Region is creating a catalog of industrial architecture monuments — kirov- 2023

grad.ru *(website development)*

Kirov wants to create a guided tour chatbot with city routes — kirov-portal.ru *(ya.ty.gorod.)* 2023

"Making the sacred accessible to everyone": Kirov activists propose dedicating 2022 to architect Charushin — kirov-portal.ru *(ya.ty.gorod.)* 2021

"I want to see my city beautiful and comfortable". iVolga forum participant Stanislav Ermolenko on the forum — 1istochnik.ru 2020

"Accept or Change" — presentation of the ya.ty.gorod. interview film at the VyatSU Boiling Point — vyatsu.ru *(ya.ty.gorod., host)* 2020

VyatSU student is the best video blogger in Eurasia — kirov.online *(ya.ty.gorod.)* 2019

Win at "Eurasia Space" — ikirov.ru *(ya.ty.gorod.)* 2019

How the university changes the city — kirov.kp.ru *(ya.ty.gorod.)* 2019

Urbanist Arkady Gershman: Kirov is very sick — 1istochnik.ru *(review of the Kirov Urban Forum film)* 2019

The team of the "Ya. Ty. Gorod" project told about their work on the video blog — vyatsu.ru 2019

Latest media trends to be discussed at the forum in Kirov — szhko.ru *(speaker from ya.ty.gorod.)* 2019

Continuing to present speakers and experts of the "VyatkaMediaCreative" hackathon — VK *(expert)* 2019

VyatSU is a partner of a project supported by the Presidential Grants Foundation — vyatsu.ru *(instructor)* 2017

VyatSU journalists awarded at the regional Government for winning the Delphic Games — vyatsu.ru *(prize winner)* 2016

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