

Yauheni Kandratovich

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PROFESSIONAL EXPERIENCE

Senior Software Engineer – 03/2022 – Present

VENTION, Slovakia

- Led cross-functional team of 10+ engineers with full delivery lifecycle, from architecture to production deployment
- Managed cloud infrastructure using Terraform and Docker for AWS (Lambda, S3, IAM, VPC), improving deployment reliability and reducing configuration drift
- Established testing standards with Pytest, reaching 90%+ coverage and reducing regression incidents by 35%
- Introduced PEP 8 linting and shared PyCharm templates, cutting code review cycles by 25%
- Increased development velocity by 40%+ using AI-assisted tools (Windsurf, CodeRabbit), accelerating feature delivery and code reviews
- Delivered 5+ internal presentations to cross-functional teams on topics including Python best practices, AWS architecture patterns, and AI pair programming adoption

Software Engineer – 02/2021 – 02/2022

COGNITEQ, Belarus

- Owned full SDLC for production systems: development, testing, deployment, monitoring, and documentation
- Automated AWS infrastructure provisioning (Lambda, API Gateway, S3) with Terraform, reducing environment setup from hours to minutes (40% faster)
- Built data ingestion pipelines in Python/Pandas, processing CSV files with 20+ parameters for analytics workflows
- Integrated 5+ third-party APIs for event aggregation, booking automation, and real-time data sync
- Developed therapist-matching algorithm using weighted scoring across 5+ user/session parameters, improving match success rate
- Ensured GDPR compliance in data handling for sensitive health information

SKILLS

Backend: Python, Django, Flask, FastAPI, Celery, Pandas, NumPy

Frontend: React, Vue.js, JavaScript, TypeScript

QA Testing: Pytest, Unittest, Sentry

Databases: PostgreSQL, MySQL, Redis, DynamoDB

AWS Cloud: Lambda, S3, EC2, ECS/EKS, API Gateway, CloudFormation, IAM, CloudWatch, RDS

DevOps: Terraform, Ansible, Docker, Kubernetes, Jenkins, GitHub Actions, Grafana, Prometheus, ELK Stack

Tools: Git, JIRA, Confluence, Agile/Scrum

PROJECTS

Wiehr (Portfolio) – 01/2026 – Present – wiehr.cc

Interactive portfolio with custom WebGL 3D visualizations, section-based navigation, and Django CMS backend

Nisha (Record Label) – 01/2023 – Present – lablenisha.com

Music distribution platform for independent artists with release management, artist profiles, and content admin

Nisle (Time Tracker) – 10/2025 – Present – Chrome Web Store

Chrome extension for employee clock-in/out with time logging and session tracking

Wanda (New Tab) – 10/2024 – Present – Chrome Web Store

Chrome extension replacing the new tab with creative dashboard

Kvaterni (Event Bot) – 02/2022 – 03/2024

Telegram bot for party/event discovery with venue search, booking integration, and admin dashboard

EDUCATION & CERTIFICATIONS

AWS Solutions Architect · Associate – 09/2023 – Present

AWS Cloud Practitioner – 08/2023 – Present

EF SET English · C2 Proficient – 03/2024 – Present

College of Engineering, Technology and Design – 09/2019 – 07/2022

LANGUAGES

English: C2 Proficient · EF SET Certified

Russian: Native