

Yaroslav Yushchenko

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Citizenship: **Ukraine, Kyiv**

Summary

.NET Core Full-Stack Engineer with 4+ years of experience, working on a SaaS AI telephony platform, building business logic and a custom workflow engine for configurable processes. Move between backend and Angular frontend depending on what each feature requires. Set up CI/CD pipelines and observability (logging, traces, and metrics with ElasticSearch/Kibana), and work with Azure Cloud and Linux systems.

Professional experience

2022 – Present

Full-Stack Engineer – NDA Client (US)

- Built a real-time telephony pipeline for AI-powered voice conversations, handling bidirectional audio streaming, audio transcoding, and speech recognition/text-to-speech integration.
- Engineered a domain-specific language (DSL) for configuring business workflows, improving flexibility and reducing implementation overhead for new scenarios.
- Built core parts of the Angular frontend, including dashboards and user-facing panels, and contributed to its overall architecture.
- Implemented a cross-browser microphone recording component and an audio player with shared context and state.
- Set up and maintained the Azure Cloud infrastructure and CI/CD pipelines for the project.

Technical skills

Languages	C#, Java, JavaScript, TypeScript, Python, C
Backend	.NET Core, PostgreSQL, Redis, Elasticsearch, RabbitMQ, Azure
Frontend	Angular (v2+), Next.js, Sass, Tailwind CSS
DevOps & Tools	Docker, Git, Azure DevOps, GitHub, Ubuntu, FFmpeg, ImageMagick
Spoken languages	English B1 · Polish B2 · Ukrainian (native)

Education

2020 – 2024

University College of Enterprise and Administration – Lublin, Poland
Bachelor, Information technology