








# Nikita Tikhonov

SOFTWARE ENGINEER · FULLSTACK DEVELOPER

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## Projects

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### Lyrics at the speed of thought

DESIGNER/DEVELOPER

- Designing and developing cross-platform application for writing poems and lyrics.
- Using Rust and Dioxus on the frontend, Axum and SeaORM (PostgreSQL) on the backend.

 [lyrichar/lyrichar](#)

June 2026 - Present

### Obtaining ownership in Rust

DESIGNER/DEVELOPER

- Designed and implemented derive macros for obtaining ownership in Rust.
- Wrote documentation and tests and published the library on crates.io.

 [nekitdev/ownership](#)

August 2025 - Present

### Graph data structures and algorithms

DESIGNER/DEVELOPER

- Designed and implemented graph data structures and algorithms in Rust.
- Wrote documentation and tests and published the library on GitHub.

 [nekitdev/graphs](#)

June 2025 - Present

### Refinement types

DESIGNER/DEVELOPER

- Designed and implemented refinement types for Rust.
- Wrote documentation and tests and published the library on crates.io.

 [nekitdev/refining](#)

February 2025 - Present

### Personal website

DESIGNER/DEVELOPER

- Designed and developed personal website using Rust and Dioxus.
- Implemented responsive design and optimized performance.

 [nekitdev/nekit.dev](#)

September 2024 - Present

### Building changelogs from fragments

DESIGNER/DEVELOPER

- Designed and developed CLI tool for building changelogs from fragments in Rust.
- Wrote documentation and tests and published the tool on crates.io.

 [nekitdev/changelogs](#)

May 2024 - Present

## Skills

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**Programming Languages** Rust, Python, TypeScript, SQL, C#

**Spoken Languages** Russian, English

## Education

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**B.S. Information Systems and Technologies**

FULLSTACK DEVELOPMENT

MIREA - Russian Technological University

2024 - Present