

# Dmytro Korenko

## Software Engineer | Full Stack Developer

**Full-stack engineer** with **6+ years** of experience building scalable web applications using **TypeScript**, with a strong focus on **Next.js**, **NestJS**, and **React**.

Since **2021** — **Lead Front-End Engineer** at [Roll'n'Code](#). Key contributor to the [EGW Writings](#) platform:

- Architected and developed UI components using **Next.js** and **Tailwind**
- Ensured accessibility compliance (WCAG) and responsive performance across devices
- Improved CI/CD workflows via **Docker**, **GitHub Actions**, and **automated testing**

### Core expertise:

- **Next.js**, **NestJS**, **React**, **TypeScript**
- Scalable architecture, API design, SSR/SSG – Testing: **Jest**, **Selenium**
- DevOps basics: **Docker**, CI/CD, Git workflows

Email: text@mail.com

GitHub: <https://github.com/korenko-git> LinkedIn: <https://www.linkedin.com/in/korenko-git/>

Website: <https://leetcode.com/u/korenko-git/>

## Work Experience

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### Front - End Developer

Roll'n'Code | 2021-01 - Present

- Developed and maintained UI components for **EGW Writings** — a multilingual platform with advanced features: Study Center, cloud sync, audiobooks, search, and accessibility compliance
- Worked closely with designers to implement **pixel-perfect** layouts and seamless user flows
- Built and maintained **CI/CD pipelines**, **Dockerized** front-end environments
- Participated in **code reviews**, **mentoring**, and **hiring** processes

Skills: React, TypeScript, Next.js, Docker, Jest, Redux, Tailwind, GraphQL, Selenium

### Full - Stack Developer

kgaz | 2019-03 - 2021-12

- Built a CRM system with **React** and **PHP**, integrating **Google Roads API** for real-time route optimization
- Developed secure **user and role management** systems (PHP + jQuery)
- Created a **React Native** mobile app and web platform for QR-based book tracking and automated overdue reminders

Skills: React, PHP, Python, Laravel, Django, jQuery, MySQL, WordPress, ReactNative

### Full - Stack Developer

Freelancehunt | 2017-01 - 2019-12

- Completed **30+ custom projects** for startups and agencies, from web apps to mobile-ready solutions
- Delivered end-to-end solutions using **Laravel, PHP, jQuery, MySQL**, and responsive front-end
- Provided long-term support, performance scaling, and third-party integrations

Skills: PHP, Laravel, jQuery, MySQL, HTML&SCSS

## Education

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### Master's degree in Software Engineering

Kryvyi Rih National University | 2016-05 - 2018-06

- Specialized in **machine learning, image analysis**, and **cloud computing**
- Developed projects using **OpenCV** for gesture and figure recognition
- Participated in academic research on **neural networks** and **data processing**

Skills: Python, Data Analysis, Cloud Computing, Machine Learning, OpenCV

### Bachelor's degree in Software Engineering

Kryvyi Rih National University | 2012-01 - 2016-06

- Built foundation in **software development, networking**, and **database management**
- Developed full-stack web and mobile applications as part of coursework

Skills: JavaScript, PHP, Web Development, Mobile Development, Database Management, C#, Network, Desktop programming

## Certificates

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- NestJS Zero to Hero (Udemy) - 2025-02
- TypeScript course (javascript.info) - 2020-05
- Advanced React course (javascript.info) - 2020-05

## Projects

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### Online Learning Platform

Development of an interactive platform for online learning with support for video lessons and testing.

Technologies: React, Node.js, MongoDB, WebRTC, Redux, Express.js, Jest, WebSockets, AWS S3, Redis

Links: [Source](#) [Demo](#)

### Task Management System

Creation of a system for project and task management with real-time updates.

Technologies: TypeScript, React, Socket.io, PostgreSQL, NestJS, Docker, GraphQL, Material-UI, Jest, CI/CD

Links: [Source](#) [Demo](#)