

# 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: [depictweb@gmail.com](mailto:depictweb@gmail.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
- Refactored the highlight modules (text bookmarks/highlighting feature in the reader) from legacy **jQuery to React**, improving maintainability and performance
- Optimized **Next.js build process**, reducing build time and improving development workflow efficiency
- Improved CI/CD pipelines with Docker and GitHub Actions for more reliable deployments
- Participated in code reviews, mentoring, and hiring processes

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

### Full - Stack Developer

krgez | 2019-03 - 2021-12

- Developed a CRM system with **React** and **PHP** integrating **Google Roads API** for real-time route optimization, improving delivery efficiency by 17%.
- Built secure **user and role management** modules to enforce access control policies.
- Created a **React Native** mobile app and web platform for QR-based book tracking and

automated overdue notifications.

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

## Full - Stack Developer

Freelancehunt | 2017-01 - 2019-12

- Delivered **30+ custom projects** for startups and agencies, ranging from web applications to mobile-ready solutions.
- Developed **MVPs** and scalable applications using Laravel, PHP, jQuery, and MySQL, accelerating client product launches.
- Provided long-term support, performance optimization, and third-party service integrations.
- Managed all phases of development from requirement gathering to deployment.

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](#)