

# Arthur Ilyashenko

## Full-Stack Engineer

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### SUMMARY

Full-Stack Engineer with over 3 years of experience delivering high-impact solutions across web and enterprise applications. Proven track record of optimizing performance with 2x faster page loads and 50% API call reduction while implementing robust architectures in .NET, React, and cloud environments. Passionate about solving complex technical challenges, from refactoring legacy systems to building AI-integrated platforms, with focus on measurable business results and clean, maintainable code.

### PROFESSIONAL EXPERIENCE

#### Full-Stack Engineer

Jan 2024 - Jun 2025

##### Diatom Enterprises, Latvia, Riga

A full-service global eCommerce agency, ranked among the world's top 3 Adobe Commerce partners and a direct competitor to Corra.

- Worked on projects: DiaFin, HR System, Time Tracker, TACCM (delinquent debt management), Danswer.
- Developed and optimized system modules for automated accounting, invoice generation, and reporting, reducing code volume by 40% and speeding up processes by 30%.
- Optimized data processing algorithms, decreasing page load times by 10x.
- Built key modules from scratch in Acumatica, including a debtor list page, laying the foundation for TACCM (delinquent debt management).
- Migrated CI/CD from Octopus Deploy to Azure Pipelines, streamlining HR System deployment.
- Developed an alert system with 8+ notification types, enhancing business process oversight.
- Fixed critical bugs in work-hour calculations, improving accuracy to 99% (Time Tracker).
- Built a client profile and file upload system (Danswer), enabling AI document processing and investor demos.
- Configured local AI environments in Python, delivering an analytical report on local AI capabilities.

#### Web Developer

Oct 2021 – Jul 2022

##### Scandiweb, Latvia, Riga

A Latvian IT company specializing in custom software development and IT consulting, competing with ThoughtWorks.

- Worked on projects: NY Times, ScandiPWA, XsToys, Läderach
- Developed and implemented 3+ UI components for NY Times, enhancing the website's visual appeal.
- Adapted Magento modules for ScandiPWA, fixing 10+ critical bugs and increasing system stability to 99%.
- Built a full-stack "Most Viewed Products" module from scratch for XsToys, expanding store functionality.
- Developed a PkPass feature for XsToys, enabling discount QR codes in Apple Wallet and email.
- Supported the launch of a new XsToys store in Sweden, gaining access to 10M+ potential customers.
- Redesigned NY Times homepage and article pages, improving aesthetics and usability.
- Integrated Google and Facebook login for XsToys, streamlining user registration and authentication.

### PROJECT WORK

#### Full-Stack Engineer

Jul 2022 - Jan 2024

##### Portfolio Projects, Latvia, Riga

Expert development of sophisticated web applications and scalable digital platforms tailored to businesses of all sizes

- Designed and implemented an interactive mapping application with React and Google Maps API, enabling dynamic visualization of transport routes and customizable time-based data filtering.
- Engineered a feature-rich Kanban board application leveraging the MERN stack, incorporating drag-and-drop functionality, theme customization, and full responsiveness for diverse devices.
- Developed a comprehensive dictionary application by integrating a robust Dictionary API, providing functionalities such as advanced word search, audio pronunciation, and customizable user interface options.
- Built and deployed a professional portfolio website using Next.js and Sanity.io, showcasing diverse projects and demonstrating modern web development practices.
- Applied comprehensive knowledge from the Meta Front-End Developer Coursera course to implement industry best practices across various projects, enhancing code quality and development efficiency.
- Developed an interactive Tic-Tac-Toe game featuring an AI opponent (utilizing the Minimax algorithm) and a two-player mode on a single device, showcasing algorithmic problem-solving and engaging user experience.
- Created a productivity-focused Pomodoro timer application using Vue.js and Pinia, ensuring persistent user data through LocalStorage for an uninterrupted workflow.
- Successfully completed over 10 Frontend Mentor challenges, demonstrating advanced proficiency in responsive design principles and complex JavaScript logic through practical application.

### EDUCATION

- Riga Technical University, Bachelor of Engineering Degree in Computer Management and Computer Science, Latvia, 2022.

### CERTIFICATES

- Coursera, Meta Front-End Developer, 2023.
- freeCodeCamp, Legacy JavaScript Algorithms and Data Structures, 2023
- Acumatica Open University, Advanced Development & Customization Program (18 Courses), 2024.

## LANGUAGES

Russian: Native, English: B1, Latvian: B1.

## SKILLS

- **Frontend Development:** HTML, CSS, SCSS/SASS, JavaScript (JS), TypeScript, React, Next.js, Redux, React Native, Angular, Material UI, Tailwind CSS, React Query
- **Backend Development:** .NET, C#, ASP.NET, Blazor, LINQ, GraphQL
- **Databases:** SQL, MySQL, PostgreSQL, MSSQL, MongoDB, Supabase
- **Cloud & DevOps:** Azure, Docker, Git, GitHub, Webpack
- **Testing & ORM:** xUnit, EntityFramework
- **ERP Systems:** Acumatica