

Musa Leshkov

I'm not perfect, but I'm pretty good.

+359895637307 musaleshkov@gmail.com [Linkedin: musa-leshkov](#) Bulgaria



EXECUTIVE SUMMARY

I design and scale high-performance platforms, operating at the intersection of **architecture, product, and engineering execution**.

My focus is on building systems that not only perform at scale, but remain **maintainable, predictable, and aligned with business goals**. I approach engineering as a long-term investment — where **architecture, developer experience, and delivery pipelines directly shape outcomes**.

I've led architecture and development across **automotive, industrial, e-commerce, and AI-driven platforms**, delivering systems used by **1M+ users and large enterprise clients**. My work consistently improves performance, scalability, and delivery efficiency in complex environments.

CORE IMPACT

- Led microfrontend architecture for enterprise platform used by 1M+ users
- Reduced deployment time by 30% via CI/CD optimization and platform improvements
- Delivered design system adopted across 7+ applications
- Built AI-powered features reducing workflow time by 20%

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, HTML5, CSS3, Sass, Less, SCSS

Frontend: React, Next.js, Angular, Vue.js, Redux, Zustand, TanStack Query, i18next, Tailwind CSS, Styled Components, Storybook, Vite, Webpack, Babel, Lighthouse, ChromeUX

Backend & APIs: Node.js, NestJS, Express.js, Java (Spring MVC), GraphQL (Apollo Federation), REST APIs, Firebase Databases, PostgreSQL, MySQL, MariaDB, MongoDB, Redis, NoSQL

Testing & Quality Assurance: Jest, Vitest, Mocha, Cypress, Playwright, WDIO/Cucumber, Enzyme, Pact (Contract Testing), Jest-Preset-Angular, TanStack Query, TDD, E2E Testing

DevOps, Cloud & Infrastructure: AWS Lambda, AWS SQS, AWS CloudFront, AWS Amplify, Azure, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, GitLab CI/CD, Cloud Manager, Maven, CI/CD Automation, Rollback-safe Pipelines

Architecture & Design Patterns: Microservices, Serverless, SPA, MVC, Layered, Event-driven, Component-driven, Client-server, Plugin-based, Clean Architecture, Dependency Injection, Publish-subscribe, SOA, Microkernel, System Design

Security & Performance: Web Security, Cloud Security, Authentication/Authorization, OWASP, Performance Optimization, Lighthouse Auditing, Load Balancing, Caching Strategies, Observability (Datadog, Prometheus)

Tooling & Collaboration: Git, Jira, Confluence, Figma, VSCode, ESLint, Prettier, Agile/Scrum, Pair Programming, Code Reviews, Documentation Best Practices

Concepts & Domains: OOP, Design Patterns, Data Structures, Debugging, API Integration, UI/UX Principles, ERP, SAP, Cloud Computing, Distributed Systems, Payment Gateways, Configuration Management, Data Visualization, Technical Leadership, Mentorship, Direct Sales

LANGUAGES

Bulgarian (Mother Language)

English (Proficient)

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Architect

[Prime Force Group](#) / [Wienerberger](#) / [Indago AI](#)

Europe - Remote

07/2025 - 03/2026

- Architected **AEM-based microfrontend platform** across multiple EU markets
- Reduced code duplication by **~25%** and improved performance KPIs across sites
- Led multi-site rollout with localization, SEO optimization, and CI/CD pipelines
- Delivered scalable enterprise web platform supporting multiple brands and regions
- Built production-grade **React/Angular/Vue + Node.js platforms** with AWS/Azure pipelines

Senior Software Engineer (Consulting)

[Freelance](#) / [Self-Employed](#)

Europe - Remote

09/2024 - 06/2025

- Built production-grade **React/Angular/Vue + Node.js platforms** with AWS/Azure pipelines
- Advised clients on architecture modernization and performance improvements
- Delivered scalable solutions for startups and mid-sized enterprises across Europe

Senior Principal Software Engineer

[Natek](#) / [ZF Group](#)

Europe - Remote

01/2024 - 09/2024

- Led frontend architecture for global automotive systems
- Improved maintainability and scalability of enterprise platforms
- Mentored cross-functional teams and enforced engineering best practices

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Technical Lead

Godel Technologies / RS Group

Europe - Remote
10/2022 - 12/2023

- Defined architecture and technical roadmap for large-scale B2B platform
- Led team of engineers delivering high-performance frontend systems
- Collaborated with stakeholders to align engineering with product goals

Software Engineer (Frontend Focus)

Playtech

Europe - Remote
09/2021 - 09/2022

- Modernized legacy frontend systems, improving performance and UX
- Delivered features in high-traffic gaming environment with strict deadlines
- Animations, and t.c.

Software Engineer (Full Stack)

Motion Software / Freelance / Self-Employed

Europe - Remote
2017 - 2021

- Delivered **20+ platforms** across e-commerce, ERP, and admin systems
- Owned frontend architecture from concept to production

Software Engineer (Java/Angular)

Bulgaria
2015 - 2017

- Built enterprise Angular SPAs and Java Spring MVC backends
- Developed strong foundation in scalable architecture and backend systems

PROJECTS

AEM Enterprise Platform (Multi-Region)

08/2025 - 03/2026
Vienna, Austria

Context: Enterprise AEM platform powering multiple brands and regional sites.

Role: Senior Software Engineer / Architect — **Prime Force Group / Wienerberger**

- Architected **multi-region AEM + microfrontend platform** with shared components and delivery pipelines
- Designed reusable platform layer (**aem-commons**) reducing duplication and standardizing development
- Led multi-site rollout with localization, SEO structure, and content workflows
- Optimized asset processing and caching strategy across CDN and AEM layers

Impact: Reduced duplication by ~15%, improved LCP (3.2s → 2.8s), increased organic traffic, and reduced origin load during peak traffic

Stack: Java (AEM OSGi), AEM 6.5 / Cloud Service, Sling Models, HTL/Sightly, Granite UI, Node.js, TypeScript, Sass, JUnit, Mockito, Cypress/Playwright, Maven, Jenkins, GitHub Actions, Cloud Manager, Dispatcher/CDN

UI Component Platform / Design System

08/2025 - 03/2026
Vienna, Austria

Context: Reusable UI platform standardizing design, accessibility, and implementation across applications.

Role: Senior Software Engineer / Architect — **Prime Force Group / Wienerberger**

- Architected and delivered **versioned component platform** used across 7+ applications
- Reduced UI duplication (~40%) and improved feature delivery speed (~30%)
- Established **WCAG 2.1 AA accessibility standards** with automated CI validation
- Built Storybook documentation system improving onboarding and adoption

Impact: Unified UI layer across applications, accelerated delivery, and improved maintainability and developer experience

Stack: TypeScript, React, Web Components, Storybook, Jest, React Testing Library, Cypress/Playwright, Vite, Rollup, Webpack, GitHub Actions

Trust-X Web Platform

08/2025 - 03/2026
Salzburg, Austria

Context: Angular-based enterprise platform for analytics dashboards and intelligent workflows.

Role: Senior Software Engineer / Architect — **Prime Force Group / Indago AI**

- Delivered **two Angular applications** with shared architecture, environments, and CI/CD pipelines
- Applied **NgRx-based state architecture** and modular lazy-loaded structure
- Built reusable UI components and analytics dashboards for data-driven workflows
- Optimized CI/CD with AWS Amplify and caching, reducing build times (~20%)
- Introduced automated testing and coverage reporting to improve release reliability

Impact: Reduced build times (~20%), achieved 80%+ test coverage, and delivered scalable analytics platform for enterprise use

Stack: Angular 19, TypeScript, NgRx, PrimeNG, PrimeFlex, Chart.js, AWS Amplify, Jest, RxJS

PROJECTS

Predictive Fleet-Maintenance Platform (Angular + AI)

2024 - 2025
Europe

Context: Real-time analytics platform for a 50K+ vehicle fleet using ML for anomaly detection and predictive maintenance.

Role: Senior Software Engineer (Consulting) — **Freelance**

- Designed **modular Angular microfrontend architecture** (Nx, Web Components) improving scalability and build performance
- Integrated **TensorFlow.js ML models** for real-time anomaly detection on CAN-bus telemetry
- Built high-performance telemetry visualization (60 fps) using WebSockets
- Led team of 8 engineers and established CI/CD pipelines with high test coverage

Impact: Reduced unplanned downtime by **22%**, saving ~€0.3M annually in service and warranty costs

Stack: Angular, TypeScript, NgRx, TensorFlow.js, NestJS, GraphQL, Docker, AWS, Jenkins

Global Automotive Innovation Platform

02/2024 - 09/2024
Brussels, Belgium

Context: Enterprise platform for automotive systems supporting large-scale product development and innovation.

Role: Principal / Lead Software Engineer — **Natek / ZF Group**

- Led **frontend architecture** in a microservices-based ecosystem for a global automotive leader
- Defined engineering standards across **code quality, build systems, and documentation**
- Drove defect resolution and system stability improvements in a high-complexity environment
- Mentored engineers across a **16-member cross-functional team**, improving engineering practices

Impact: Improved system reliability, development velocity, and overall delivery quality for enterprise automotive products

Stack: React, TypeScript, Redux, Zustand, TanStack Query, AWS, Terraform, GitLab CI/CD, Datadog, Storybook

Industrial Procurement Platform

10/2022 - 11/2023
Manchester, United Kingdom

Context: Large-scale B2B platform for industrial procurement supporting 750K+ products.

Role: Senior Software Engineer / Tech Lead — **Godel Technologies / RS Group**

- Led development of a **scalable B2B platform** serving 750K+ products
- Owned **frontend architecture** and contributed to backend integration via GraphQL and Node.js
- Directed a team of 5+ engineers, driving delivery and engineering standards
- Collaborated with stakeholders to align technical delivery with product strategy

Impact: Delivered scalable architecture enabling rapid feature delivery and reduced technical debt

Stack: React, Next.js, TypeScript, GraphQL (Apollo), Node.js, Terraform, GitLab CI/CD, Datadog

AI-Driven Procurement Insights Platform (LLMs)

2022 - 2023
Europe

Context: B2B SaaS platform leveraging LLMs for contract analysis, semantic search, and procurement automation.

Role: Senior Software Engineer — **Godel Technologies**

- Migrated platform to **Angular monorepo architecture (Nx + module federation)** for scalability and team autonomy
- Built **LLM-powered features** (contract summarization, semantic search, RFQ automation) using OpenAI/Azure OpenAI
- Implemented secure, GDPR-compliant LLM access with role-based prompt orchestration
- Developed shared component library and platform foundations across multiple teams

Impact: Reduced workflow time by ~20%

Stack: Angular, TypeScript, NgRx, OpenAI API, Azure OpenAI, NestJS, GraphQL Federation, Terraform, Datadog

Playtech Poker Platform Enhancements

09/2021 - 09/2022
Bulgaria

Context: High-traffic gaming platform improvements focused on performance, stability, and feature delivery.

Role: Software Engineer (Frontend) — **Playtech**

- Modernized legacy frontend architecture and improved performance across core flows
- Delivered features and fixes in a high-throughput, production-critical environment
- Improved UI responsiveness and stability under heavy user load

Impact: Reduced page load times and improved platform stability for a large-scale gaming product

Stack: React, TypeScript, Redux, Webpack, CSS/SASS, GitLab CI/CD

PROJECTS

Fitness & Wellness Scheduling Platform

2021
Bulgaria

Context: Scheduling and training management platform for a health & wellness client.

Role: Software Engineer — **Motion Software**

- Built and maintained a **training management module** for scheduling and program coordination
- Developed responsive UI with **React + Redux** and integrated real-time data via Firebase
- Collaborated on frontend architecture and feature delivery in a production environment

Impact: Improved scheduling efficiency and user engagement for a health-focused platform

Stack: React, TypeScript, Redux, Firebase, GraphQL, AWS, GitLab CI/CD

Personalized Coaching SPA (Angular + Edge AI)

2021
Bulgaria

Context: Mobile-first PWA for real-time posture detection and coaching using on-device ML.

Role: Software Engineer — **Freelance**

- Built Angular SPA using **TensorFlow.js (PoseNet)** for real-time posture detection via WebRTC
- Designed client-side processing pipeline for **low-latency, privacy-first ML inference**
- Implemented NgRx-based state handling for high-frequency data streams
- Optimized performance (lazy loading, preloading, caching), improving Lighthouse score (68 → 92)

Impact: Increased daily active users by 27% and reduced 30-day churn by 18%

Stack: Angular, TypeScript, NgRx, TensorFlow.js, WebRTC, Firebase, AWS Amplify

E-Commerce Retail Platform Optimization

2021
Europe

Context: Mobile-first e-commerce platform focused on performance and user experience.

Role: Software Engineer (Frontend) — **Motion Software**

- Developed responsive, mobile-first UI for a production e-commerce platform
- Improved performance and navigation across devices
- Contributed to frontend architecture and feature delivery in a monolithic system

Impact: Improved conversion rates and mobile engagement

Stack: React, TypeScript, Redux, GraphQL, MongoDB, AWS, GitLab CI/CD

Internal Admin & Workforce Management System

2020 - 2021
Europe

Internal platform for workforce operations, HR processes, and data management.

Role: Software Engineer — **Motion Software**

- Designed database schemas and APIs for HR workflows (time-off, internal operations)
- Implemented secure access control and internal user workflows
- Contributed to full-stack feature delivery in a monolithic system

Impact: Reduced manual processes and improved operational efficiency

Stack: React, TypeScript, Redux, Firebase, MongoDB, GraphQL, AWS

Automobile Trading Platform for Dealerships

2019 - 2020
Germany

Online vehicle auction platform enabling bidding, inventory management, and transactions.

Role: Software Engineer — **Freelance**

- Developed core features for bidding, inventory management, and user profiles
- Integrated secure payment flows and optimized performance for high-traffic scenarios
- Contributed to full-stack architecture using React and Node.js

Impact: Improved transaction throughput and platform usability

Stack: React, TypeScript, Node.js, GraphQL, MySQL, AWS

PROJECTS

Interactive Video Testimonial Platform

2018 - 2019
Netherlands

Platform for collecting and managing video testimonials and customer feedback.

Role: Software Engineer — **Freelance**

- Built video collection workflows and content management features
- Focused on scalable frontend architecture and user-friendly experience
- Integrated backend services for storage and content delivery

Impact: Enabled scalable collection and management of customer feedback

Stack: React, TypeScript, Node.js, GraphQL, MongoDB, AWS

Movie Discovery SPA

2016 - 2017
Europe

Single-page application for browsing and filtering movies using external APIs.

Role: Software Engineer (Frontend)

- Built Angular SPA with API integrations, routing, and lazy loading
- Focused on responsive UI and frontend performance optimization

Impact: Demonstrated scalable SPA patterns and performance best practices

Stack: Angular, TypeScript, Node.js, REST APIs

Enterprise Workflow Automation System

2015 - 2016
Europe

Multi-tier enterprise application for business process automation.

Role: Software Engineer (Backend)

- Developed REST APIs and business logic using Spring MVC and Hibernate
- Implemented server-side rendering, validation, and data processing

Impact: Supported reliable enterprise workflows with scalable backend services

Stack: Java, Spring MVC, Hibernate, MySQL