Lead Software Engineer

Nikita Stadnik

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6+ years building products across MENA and global markets

3 startups launched from scratch to MVP and full products

ABOUT ME

👋 I'm a Lead Software Engineer with over 6 years of experience building internal tools, CRMs, SaaS products, and multi-market platforms for Real Estate and Conversational Commerce businesses across MENA and the US.

I have successfully launched products like **WhatCRM** and **BSO Club**, led the full software development life cycle, and built IT infrastructure from scratch for **BSO Real Estate Management**, a leading property management company in Dubai.

I work at the intersection of **full-stack** engineering, product design, and technical innovation. My process starts with **zero-to-one creation**: system architecture, database modeling, UI component design, AI integration, and **cross-platform** deployment. I align complex code with intuitive UX, focusing on security, performance, scalability, CI/CD automation, and **SWE** best practices.

I use a **research-driven** engineering **approach** with systematic optimization, diagnostics, and performance tuning. The goal is not just functional software, but robust, **market-ready** solutions that balance **profit** with user engagement.

I construct universal UI libraries like **TailyUI**, cross-platform architectures, and automated CI/CD pipelines. I integrate **generative AI** & reactive frameworks to bridge the gap between complex **business logic** and seamless **user interfaces**.

My strengths span diverse technical landscapes including **AI-driven** platforms, scientific **data visualization**, and open-source tooling. I can pilot a product from scratch or enhance existing architecture with a **clear focus** on scalability, security, and code efficiency. I rapidly and seamlessly adapt to any existing workflows, **project management** systems, and office or remote team culture.

CORE SKILLS

Engineering & Architecture
System Architecture
Database Modeling
AI & LLM Integration
Cross-Platform Dev
UI/UX Engineering
Real-time Protocols

Optimization & Scale
Performance Tuning
System Scalability
Security Standards
SEO & Analytics
Data Visualization
Open Source Strategy

DevOps & Workflows
CI/CD Automation
Component Libraries
Containerization
API Design
Automated Testing
Technical Documentation

Stack & Tools
TS, HTML, CSS, Tailwind CSS
Framer Motion, Three.js, D3.js
React, Vue.js, Svelte, SolidJS
Next.js, Nuxt, SvelteKit, Astro
MySQL, PostgreSQL, Firestore
Kubernetes, Docker, Jenkins
AWS, Google Cloud Platform

EXPERIENCE

BSO Real Estate Management - Lead Software Engineer (On-site)   2022–Present

UAE, Dubai / Real Estate / SaaS / ERP

Responsibilities
- **Engineering Leadership**: Leading a team of **5 developers** to deliver a comprehensive ecosystem, overseeing technical architecture for the Broker App, Client Portal, and ERP.
- **Infrastructure Management**: Architecting on-site **Kubernetes** clusters via Devtron and orchestrating the full migration to **Google Cloud Platform** (Cloud Run, SQL, Redis).
- **Backend Engineering**: Driving core server-side development (Koa.js, Strapi CMS) while enforcing **Domain-Driven Design** (DDD) and **API** scalability standards.
- **Mobile Development**: Owning native **PWA** wrapper development (Java/Swift), managing deep linking, hardware access, and **notification** systems for **iOS** and **Android**.
- **DevOps & Strategy**: Defining **IT workflows**, Agile planning, **GitOps** automation, code reviews, and multi-environment testing protocols, while enforcing best **SWE** practices.

Impact
- **Delivered 5 Enterprise Platforms**: Directed end-to-end launch of **5 mission-critical** apps within **3 years**, scaling ecosystem to serve **government** entities & **DXB developers**.
- **Cloud Migration Success**: Executed a **100% migration** from on-premise to server-less GCP, achieving **99.9% system availability** and eliminating server maintenance costs.
- **Deployment Velocity**: Reduced **deployment time** by ~75% via ArgoCD pipelines, enabling daily feature releases with **zero downtime** compared to manual CI/CD cycles.
- **Mobile Efficiency**: Delivered native-grade capabilities (Deep Links, Push Notifications) for **iOS** and **Android** via PWA Wrappers, reducing **development time** by ~40-50%.
- **Enterprise Compliance**: Enabled onboarding of high-profile **government** and **banking** clients by building a secure **Enterprise Portal**, potentially **increasing** company revenue.

WhatCRM by LifeTelecom - Web Developer (Remote)   2020–2022

US, California / Conversational Commerce / IaaS / CRM

Responsibilities
- **Frontend Development**: Engineering a **custom messenger** application embedded within **Bitrix24 CRM**, enabling seamless communication between customers via **WhatsApp**.
- **Plugin Development**: Built a **CRM web plugin** serving as a personal account **dashboard**, enabling users to manage **WhatsApp integration**, connected numbers & user pipelines.

EDUCATION

Kazan National Research Technical University
2016–2020
Bachelor of Technology, Computer Software Engineering

Published Articles

04.08.20 10.1109/ITNT4385.2020.7648261
Modified genetic algorithm to solve 3d packaging problem

24.12.21 10.1109/ITNT52450.2021.9649154
Auto-optimization system for product manufacturing workflow

03.11.23 10.1109/MLSD58227.2023.10303830
Comprehensive simulation model of city transport network

Languages
English
Russian