

# VLADYSLAV NESEN

Frontend Tech Lead | Senior Web Engineer

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## PROFESSIONAL SUMMARY

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Frontend Tech Lead with 9+ years of experience building and scaling web applications, currently leading a team of 7 engineers. Proven track record in modernizing legacy systems (Angular 6 to 21), architecting scalable monorepo solutions, and delivering high-impact products including AI-powered meeting tools and real-time data visualization platforms. Passionate about code quality, developer experience, and turning complex business requirements into intuitive digital products.

## CORE COMPETENCIES

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**Leadership & Architecture:** Team Leadership (7 engineers), Code Review, Technical Mentoring, Monorepo Architecture, CI/CD, Agile/Scrum

**Technical Stack:** Angular (6-21), React, TypeScript, JavaScript, RxJs, NgRx, Highcharts, Python, Django, FastAPI, Docker, Snowflake, PostgreSQL, HTML/CSS, SCSS

## PROFESSIONAL EXPERIENCE

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**Frontend Tech Lead / Senior Engineer** | PrivatBank | Ukraine (Remote)

Aug 2024 – Present

*Leading frontend engineering*

- **Team Leadership:** Leading a cross-functional frontend team of 7 engineers, driving architecture decisions, conducting code reviews, and mentoring mid-level developers to senior proficiency
- **Monorepo Architecture:** Designed and implemented a scalable monorepo with custom ESLint rules, shared component library, Angular Material theme overrides, and an API mocking package — reducing code duplication by ~40% and unblocking frontend-backend parallel development

- **Legacy Migration:** Migrated a data visualization platform (Highcharts) from Angular 6 to Angular 21, resolving critical performance bottlenecks and improving initial load time by ~60%
- **AI Meeting Tool:** Built a Google Meet extension + SPA that records meeting notes, generates AI summaries with key action items, and auto-creates tasks — saving ~5+ hours/week per team in post-meeting routine
- **Branch Dashboard:** Developed an interactive branch performance dashboard displaying real-time profitability, client metrics, and geographic data for 1,000+ bank branches
- **Engineering Standards:** Established team-wide practices: Husky Git hooks, Jasmine unit tests (80%+ coverage target), ESLint configs, and commit message linting

## **Data Automation & Scripting Engineer** | TSIImagine | New York, USA (Remote)

Jun 2022 – Aug 2024

*FinTech company specializing in trading and portfolio management solutions*

- **Stress Testing:** Developed scripts simulating high-load trading scenarios across 500K+ stock records, enabling clients to validate system resilience before production deployment
- **Data Pipelines:** Automated data collection from 15+ client FTP servers, processing and structuring large datasets for cloud-based analysis
- **Cloud Integration:** Integrated Snowflake data warehouse for efficient querying at scale, reducing reporting generation time by ~70%
- **Workflow Automation:** Built fault-tolerant cron-based automation with clean logging and monitoring, eliminating 10+ hours/week of manual data processing

## **Full-Stack Engineer** | Freelance

Jul 2021 – Aug 2022

*Independent consulting and product development for B2B and B2C clients*

- **Angular Projects:** Developed and maintained Angular 13+ projects with customized Angular Material components tailored to client-specific design systems
- **Gym Platform:** Built a full-stack gym management platform (Angular + Python + PostgreSQL) with QR-based check-in, Telegram bot notifications, and admin dashboard serving 200+ members

- **Energy Optimization:** Engineered an automated system monitoring regional electricity prices and scheduling heating/water heaters, reducing energy costs by ~25%

## **Middle Front-end Developer** | PrivatBank | Ukraine

Dec 2018 – Jun 2022

*Led frontend development for travel and booking product vertical*

- **Product Ownership:** Led frontend architecture for 4 web applications, 3 in production (bilet-next.privatbank.ua), serving thousands of daily users
- **Angular Upgrades:** Upgraded the bus booking widget from Angular 6 → 9 → 12, improving performance metrics and maintainability with zero-downtime deployments
- **UI Engineering:** Designed responsive, accessible UIs for bus, hotel, and tour booking services using NgRx state management and RxJs reactive patterns
- **Cross-team Collaboration:** Collaborated closely with backend teams and UX designers to deliver seamless cross-platform user experiences

## **Junior Front-end Developer** | Spline Studio | Ukraine

Feb 2017 – Dec 2018

*Multi-framework development across diverse client projects*

- **Hotel Booking App:** Built a hotel booking application for the African market using Angular 5–6, RxJs, and NgRx with dynamic search and filtering
- **Mobile Dashboard:** Developed React-based mobile dashboard with social features: user profiles, step tracking, and fitness competitions
- **Vue.js Projects:** Contributed to Vue.js projects for hexdigital.com, delivering UI components and responsive layouts

## **EDUCATION**

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### **Bachelor's in Information Technologies** 2014 – 2018

Ukrainian State Chemical Technology University, Dnipro

## **LANGUAGES**

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- Ukrainian (Native)
- English (B2)
- Polish (B1 – Learning)