

 Senior Frontend Engineer with 10+ years of experience in building scalable, high-performance digital products. I have a strong background working in banking environments, developing secure and reliable applications designed for high-load systems and strict compliance requirements. I specialize in application architecture and product development, focusing on delivering intuitive, user-centered solutions from concept to production. I also have experience integrating blockchain technologies to enhance security, transparency, and overall product capabilities.

TEKsystems – Senior Frontend Developer (Contract)

M&T Bank (Jun 2024 – Present) | New York, United States

Leading development of a greenfield fintech platform for real-time peer-to-peer payments, built as a single Angular codebase powering both web and native mobile applications via WebView integration. Focused on scalability, security, and seamless cross-platform user experience in a high-load banking environment.

Technologies: Angular, TypeScript, JavaScript, NgRx, RxJS, Karma, Jasmine, Azure, CI/CD

Responsibilities:

- Own front-end architecture and lead development of a cross-platform Angular application from scratch
- Drive technical decisions around performance, scalability, and maintainability.
- Design integration patterns between web (Angular) and native mobile layers.
- Collaborate cross-functionally with backend, mobile, and product teams in a regulated fintech environment

Key Contributions:

- Designed and delivered a unified front-end platform used across web and native mobile, eliminating the need for separate codebases.
- Designed scalable state management and data flow, improving performance and application stability under high-load conditions.
- Implemented a robust WebView ↔ Native communication layer, enabling seamless feature parity between platforms.
- Optimized rendering performance and reduced UI latency through advanced Angular and RxJS patterns.
- Increased code reliability and maintainability by expanding test coverage and enforcing best practices.

Impact & Achievements:

- Reduced development duplication across platforms, accelerating feature delivery and lowering maintenance cost.
- Improved application performance and responsiveness, enhancing overall user experience in real-time payment flows.
- Enabled scalable architecture supporting future product growth and high transaction volumes.
- Established a strong technical foundation for cross-platform fintech product development.

Interactive Resources (iR) – Senior Frontend Developer (Contract)

Lexmark: (Jan 2023 – Jan 2024) | New Jersey, United States

Worked on a large-scale enterprise platform for Lexmark, focusing on modernizing and improving the performance of a legacy Angular-based application within a high-load environment.

Technologies: Angular, TypeScript, JavaScript, NgRx, RxJS, Karma, Jasmine, Azure, Docker, CI/CD

Responsibility: Acted as a senior front-end engineer responsible for enhancing application performance, contributing to architectural improvements, and supporting the long-term modernization of a monolithic system.

CONTACT INFORMATION

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PROFESSIONAL SKILLS

Languages: TypeScript, JavaScript, Dart

Frameworks & Libraries: Angular, Ionic, Flutter

Architecture & Patterns: Component-based architecture, Reactive programming, State management, Micro-frontend architecture, Modular design.

Web & Mobile Integration: Flutter WebView integration, Hybrid app architecture, Cross-platform communication (Web ↔ Native)

APIs & Integration: REST, GraphQL, WebSockets, Third-party SDK integrations

Security & Fintech: Secure data handling, Authentication flows (OAuth2, OIDC), Device data collection (Fraud/Risk systems), High-load system design

Blockchain & Web3: Smart contract integrations, Web3 APIs, Wallet integrations

Performance Optimization: Lazy loading, Code splitting, Rendering optimization, Memory management

Testing: Unit testing, Integration testing, End-to-end testing

Build & Tooling: Webpack, Vite, NPM, Yarn, CI/CD pipelines

Contributions:

- Upgraded Angular versions and improved overall application performance and maintainability.
- Contributed to defining a long-term refactoring strategy for transitioning from a monolithic architecture.
- Implemented reactive state management patterns to improve data consistency and scalability.

Achievements:

- Improved application performance and reduced UI latency through optimization efforts.
- Contributed to stabilizing the system by addressing architectural and data flow issues.
- Supported modernization initiatives, making the platform more scalable and easier to maintain.

Version Control: Git, GitLab, GitHub, Bitbucket

EDUCATION

Ivano-Frankivsk College of Physical Education

Ivano-Frankivsk, Ukraine 2009-2012
Bachelor Degree: Trainer-Instructor

IT STEP Computer Academy

Lviv, Ukraine, 2015-2017
Graduated from the Web Development Program.

Capgemini – Senior Consultant

Morgan Stanley: (Jun 2022 – Nov 2022) | New York, United States

Worked on an enterprise retirement platform supporting financial products such as 401(k), IRA, and other investment accounts, focusing on building scalable and reliable user interfaces for financial planning and account management.

Technologies: Angular, TypeScript, JavaScript, RxJS, AngularJS (legacy), REST APIs, Git, Bitbucket

Responsibilities: Acted as a senior front-end developer responsible for building reusable components, improving system performance, and contributing to the modernization of legacy systems.

Contributions:

- Developed reusable and maintainable UI components following a service-oriented architecture.
- Participated in refactoring legacy modules to improve system performance and developer productivity.
- Collaborated with cross-functional teams to deliver front-end solutions aligned with business and compliance requirements.
- Contributed to UI development for complex financial workflows related to retirement accounts.
- Implemented and maintained unit and integration tests to ensure code quality.

Achievements:

- Improved system maintainability through refactoring and modularization of front-end components.
- Supported delivery of stable and compliant financial features for retirement products.
- Strengthened code quality through testing and code review practices.

Appicature – Technical Frontend Engineer

(Jun 2021 – Feb 2022) | Kyiv, Ukraine

Worked on a multi-tenant platform for onboarding and integrating blockchain-based projects, including Web3 smart contract integrations for token offerings (IDO/ICO) and payment gateway solutions.

Technologies: Angular, TypeScript, JavaScript, RxJS, Web3.js, Ethereum, Smart Contracts, HTML5, CSS3, Firebase, REST APIs, Git.

Responsibilities: Acted as a technical lead, responsible for system architecture, front-end development, and establishing engineering processes for a blockchain-based platform.

Contributions:

- Designed and developed a multi-tenant platform for managing and integrating multiple blockchain projects.
- Implemented Web3 integrations with smart contracts for token offerings and transaction flows.
- Established code standards, PR processes, and best engineering practices across the team.
- Collaborated with stakeholders to translate business requirements into technical solutions and user stories.
- Mentored junior developers and supported their technical growth.

Achievements:

- Delivered a scalable platform supporting multiple blockchain integrations within a single system.
- Improved development efficiency and code quality by introducing standardized engineering practices.
- Enabled secure and reliable smart contract interactions for token-based products.

OGDSolutions OÜ – Senior Frontend Developer

(Nov 2017 – Jun 2021) | Lviv, Ukraine

Worked on multiple web and mobile products, building scalable user-facing applications across web and hybrid mobile platforms with a focus on performance, usability, and business growth.

Technologies: Angular, TypeScript, JavaScript, Ionic, RxJS, HTML5, CSS3, REST APIs, Firebase, Git

Responsibilities: Acted as a senior front-end developer responsible for developing and maintaining web and mobile applications, delivering new features, and optimizing performance and scalability.

Gigway – Freelance marketplace platform

A Stockholm-based platform connecting companies with freelancers across media, marketing, design, and tech, supporting end-to-end workflows including matching, chat, contracts, and payments.

Contributions:

- Developed a cross-platform mobile application using Angular and Ionic for iOS and Android.
- Implemented core features including user matching, real-time chat, contracts, and payment flows.
- Integrated third-party services such as analytics, push notifications, and advertising tools.
- Collaborated with product and design teams to deliver user-friendly and business-driven features.

Achievements:

- Contributed to the successful launch of the platform and its early growth phase.
- Supported a system handling increasing user base and transaction volume.
- Improved application performance and user experience through continuous optimization.

PHOTOBASH – Digital asset platform

A platform providing high-quality reference photos, 3D models, and photogrammetry assets for concept art, game development, VFX, and other media industries.

Contributions:

- Developed and maintained a content-heavy web platform with a focus on performance and usability.
- Implemented scalable UI components for browsing, searching, and managing digital assets.
- Optimized loading and rendering of large media assets for better user experience.
- Collaborated with stakeholders to deliver features aligned with creative industry needs.

Achievements:

- Delivered a stable and scalable platform for high-volume digital content.
- Improved performance and usability for handling large media libraries.
- Contributed to enhancing user experience for creative professionals.

Dengo Systems – Frontend Developer

(Oct 2016 – Nov 2017) | Lviv, Ukraine

Worked on building responsive and user-friendly web applications, focusing on creating modern UI/UX solutions and ensuring cross-browser compatibility and performance optimization.

Technologies: HTML5, CSS3, JavaScript, jQuery, AngularJS, WordPress, Ionic, Git

Responsibilities: Acted as a front-end developer responsible for implementing UI components, collaborating with cross-functional teams, and delivering high-quality web interfaces.

Contributions:

- Developed responsive web interfaces using modern HTML, CSS, and JavaScript.
- Built dynamic and interactive UI components using AngularJS and jQuery.
- Optimized applications for performance, scalability, and cross-browser compatibility.
- Participated in code reviews and contributed to improving overall code quality.

Achievements:

- Delivered multiple user-facing features that improved usability and user engagement.
- Enhanced application performance and responsiveness through optimization techniques.
- Built a strong foundation in front-end development and modern web practices.
- Contributed to maintaining a stable and maintainable codebase.