

VITALI SHPAKOWSKI

Senior Software Engineer | Team Lead

Location: Tbilisi, Georgia (UTC+4) | Open to: Remote, Hybrid

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PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Team Lead with 13+ years of experience building scalable web applications across fintech, e-commerce, and AI-powered platforms. Specialized in full JavaScript/TypeScript stack: Angular, React on frontend; NestJS, Node.js, Express.js, PostgreSQL + TypeORM on backend. Experienced in RESTful API design, microservices architecture, and database management. Strong advocate of SOLID principles and KISS patterns. Proven track record leading engineering teams of 2-5 developers, implementing CI/CD pipelines, and delivering enterprise solutions.

TECHNICAL SKILLS

AI Tools & Development Practices: AI-assisted development, Cursor IDE, GitHub Copilot, Code generation and optimization using LLM, Prompt Engineering (Claude Sonnet, GPT-5, Gemini)

Frontend: Angular (RxJS/NgRx), React (Redux) — intermediate level, AngularJS (legacy)

Backend: NestJS + PostgreSQL + TypeORM, Node.js, Express.js, GoLang (basic)

API Development: REST API, GraphQL, WebSocket

Architecture & Design Patterns: Microservices, RESTful API Design, Database Design, SOLID Principles, KISS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS/SCSS

State Management: RxJS, NgRx, Redux

UI Libraries: CoveoUI, BEM, Material Design, Bootstrap, jQuery

Testing: Jasmine, Karma, Jest, Unit Testing, Integration Testing, E2E Testing

Build Tools & CI/CD: Docker, Webpack, npm, GitHub Actions

Version Control: Git, GitHub, GitLab

CMS: Adobe AEM/CQ5

Design Tools: Photoshop, Figma (basic)

Methodologies: Agile, Scrum, Kanban, Waterfall

SOFT SKILLS

Team Leadership, Code Review, Technical Mentoring, Sprint Planning, Stakeholder Communication, Technical Grooming, Cross-functional Collaboration, Problem Solving, Decision Making, Conflict Resolution

PROFESSIONAL EXPERIENCE

Epam Systems

Senior Software Engineer | Team Lead

December 2013 - December 2024 (11 years) | Minsk, Belarus / Tbilisi, Georgia

Project: SAP Coveo AI Search Platform | Team Lead, Fullstack Developer | 2024

- Designed and built AI-powered search interface using Angular, TypeScript, and CoveoUI library for enterprise search solution
- Developed backend API with NestJS, PostgreSQL and TypeORM for storing search configurations and user preferences
- Developed Redux-style state management with real-time backend subscription enabling dynamic search results and instant updates
- Integrated GenAI-driven response system with feature flag management
- Facilitated Scrum ceremonies including sprint planning, grooming, and retrospectives for cross-functional team of 4 members
- Performed 50% of BA/PM responsibilities including story estimation (Planning Poker), stakeholder communication, and technical documentation
- Optimized custom search components reducing time-to-search from 3s to under 500ms

Technologies: Angular, TypeScript, RxJS, NestJS, PostgreSQL, TypeORM, HTML5, CSS3, SASS, CoveoUI, Redux, WebSocket

Project: Carrefour — E-commerce | Senior Software Engineer | 2022 - 2023

- Managed team of 2 UI developers enhancing online store serving 500K+ monthly users before platform replatforming
- Built new customer-facing features including enhanced product filtering and checkout flow improving conversion rate
- Established CI/CD pipeline with Jenkins and SonarQube integration reducing code quality issues
- Collaborated with business analysts on requirements analysis, technical grooming, and sprint planning
- Performed partial project management responsibilities including backlog prioritization and stakeholder communication

Technologies: jQuery, JavaScript (ES6+), HTML5, CSS3, SASS, Jenkins, SonarQube, Git, Agile

Project: Refinitiv — Financial Data Platform | Senior Software Engineer | 2019 - 2022

- Spearheaded development of two web applications using Angular + TypeScript replacing legacy C# desktop solutions improving accessibility and user experience
- Coordinated team of 3 developers on full-stack development with Express.js backend
- Designed frontend layer with Angular ensuring seamless integration with REST APIs and real-time data feeds using WebSocket connections
- Delivered performance optimizations including lazy loading and code splitting reducing initial load time by 50% (from 5s to 2s)
- Established testing framework with 75% code coverage using Jasmine and Karma

Technologies: Angular, TypeScript, Express.js, RxJS, HTML5, CSS3, SASS, WebSocket, REST API, Git, Agile

Project: MoneySuperMarket — Financial Services Aggregator | Senior Software Engineer | 2014 - 2018

- Supervised team of 5 frontend developers building insurance, energy, and financial comparison platform serving 10M+ monthly users using AngularJS, TypeScript, Redux
- Architected micro-frontend system with Adobe CQ5 CMS integration reducing deployment time by 40%
- Built BEM methodology and component-driven architecture improving code reusability across 50+ components
- Established comprehensive code review process and quality standards decreasing production bugs by 60%
- Coordinated with QA automation engineers, business analysts, and backend teams in Agile/Scrum environment

- Facilitated sprint planning, technical grooming sessions, and retrospectives maintaining 95% sprint completion rate
- Optimized application performance reducing initial page load time from 6.5s to 3.8s (42% improvement)

Technologies: AngularJS, RxJS, Redux, NgRx, BEM, HTML5, CSS3, SASS, Adobe CQ5, Jenkins, Git, Scrum

Startup Labs

Frontend Developer

April 2013 - December 2013 (9 months) / Minsk, Belarus

- Developed responsive promotional websites for financial services using jQuery, HTML5, CSS3, and WordPress
- Implemented complex forms with client-side validation improving data accuracy
- Created mobile-first responsive layouts using SASS preprocessor ensuring cross-browser compatibility

Technologies: JavaScript, jQuery, HTML5, CSS3, SASS, WordPress, Git, Photoshop, Twig

Axamit Versa

Frontend Developer

April 2012 - March 2013 (1 year) / Minsk, Belarus

- Developed user-facing features for 3 client websites using Adobe CQ5 (AEM) platform
- Implemented responsive widgets and interactive components with jQuery
- Created reusable component library reducing development time for common UI patterns

Technologies: JavaScript, jQuery, HTML5, CSS3, Adobe CQ5/AEM, Git

EDUCATION

Belarusian State University of Informatics and Radioelectronics

Bachelor's Degree in Systems Engineering

2006 - 2011 | Minsk, Belarus

PROFESSIONAL DEVELOPMENT (EPAM Systems)

Angular & Modern JavaScript:

- AngularJS for UXD Developers – Getting Started
- EPAM UI TechTalk: AngularJS Data
- EPAM UI TechTalk: AngularJS Directives
- EPAM UI TechTalk: AngularJS Modules
- EPAM UI TechTalk: AngularJS Templates
- EPAM UI TechTalk: AngularJS Testing
- Introduction to ECMAScript 2015 (FCMP1.1)
- Introduction to Webpack (FCMP1.3)

Backend Development:

- Introduction to Backend Development with Node.js and Express.js (FCMP1.6)
- Mongo, Node.js and Express.js (FCMP1.12)

Software Engineering:

- Software Development Processes
- EPAM UI TechTalk: MGFN-HTML Project Retrospective
- EPAM UI TechTalk: Places You Should Get to Know (Community) + Project

LANGUAGES

Russian: Native speaker

- Full professional proficiency in all business contexts
- Technical documentation, presentations, team communication

English: Intermediate (B1)

- Professional working proficiency
- Daily standup meetings and technical discussions
- Code reviews and technical documentation
- Email and written communication with international teams
- Continuous improvement through practice and coursework

KEY ACHIEVEMENTS

- Successfully delivered 4 major enterprise projects across fintech, e-commerce, and AI platforms
- Established code quality standards and review processes improving overall team productivity
- Built and maintained high-performing teams with 100% retention rate
- Drove adoption of modern frontend practices and CI/CD workflows across multiple projects
- Mentored 5 junior developers supporting their career growth to mid-level positions