

Sem Bozhyk

Senior Software Engineer | Full-Stack JavaScript Specialist

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🎯 9+ Years Experience

Professional Summary

Self-taught software engineer with 9 years building scalable applications from startup to 20M daily sessions. Currently implementing AI-powered features combining traditional development with cutting-edge AI integration. Proven technical leader passionate about mentoring developers and delivering business impact through event-driven architectures.

Technical Skills

Languages & Frameworks

JavaScript TypeScript Vue.js (2/3) React.js Solid.js Svelte Ember.js Node.js Bun

State Management & Data

Pinia Vuex Redux Zustand TanStack Query Rstore SQL NoSQL

Testing & Quality

Jest Playwright E2E Testing Unit Testing TDD

Architecture & Patterns

Event-Driven Architecture GRASP OOP Design Patterns SOLID Principles Microservices WebSockets

Leadership & Soft Skills

People Management Technical Mentoring Career Development Coaching Team Building

Cross-functional Collaboration

DevOps & Tools

Docker AWS Hetzner Git GitLab CI/CD Jira Scrum

Professional Experience

Vue.js Developer

Rock.estate

November 2024 — Present

Remote

- Implemented AI chatbot saving 2-4 hours daily per agent through automated hints generation
- Building AI-powered features for intelligent property data processing and matching
- Developing data-intensive UI/UX solutions for BENELUX real estate market (100K+ properties)
- Reduced data entry time by 40% through smart form optimization and validation

Vue.js Developer

Hellotickets

February 2024 — November 2024

Remote

- Led Vue 2 to Vue 3 migration improving performance by 35% and reducing bundle size by 28%
- Modernized mapping application handling 50K+ daily venue searches
- Decreased load time from 4.2s to 1.8s through code splitting and lazy loading
- Enhanced developer experience reducing build time by 60%

React.js Team Lead

GR8 Tech

January 2023 — August 2023

Remote

- Led team of 5 developers processing €10M+ monthly payment transactions
- Reduced payment failures by 23% through improved error handling and retry mechanisms
- Mentored junior developers, improving team velocity by 40% over 6 months
- Implemented GRASP principles reducing code duplication by 45%
- Achieved 99.99% uptime for payment processing components

Vue.js Developer

EPAM Systems

December 2021 — August 2023

Remote

- Delivered 3 property management solutions handling 500K+ monthly active users
- Improved application performance by 50% through state management optimization
- Reduced bug reports by 35% implementing comprehensive testing strategies
- Maintained 95%+ client satisfaction scores across all projects

Vue.js Developer

Ciklum

August 2022 — December 2022

Remote

- Increased test coverage from 12% to 87% for fintech startup
- Reduced production bugs by 65% through comprehensive E2E testing
- Implemented CI/CD pipeline cutting deployment time from 2 hours to 15 minutes
- Established testing best practices adopted across 3 development teams

Key JavaScript Developer

OnlyFans

February 2020 — September 2021

Remote

- Maintained critical features serving 20M daily unique sessions with 99.95% uptime
- Optimized photo editor reducing memory usage by 60% and improving performance for mobile users
- Built tax reporting system processing \$2M+ daily creator earnings
- Decreased customer support tickets by 30% through UI improvements

Full-Stack Developer

Planhat

October 2019 — February 2020

Remote

- Refactored legacy codebase improving response times by 45%
- Reduced technical debt by 30% while maintaining feature delivery
- Improved test coverage from 20% to 75%
- Enhanced API performance handling 3x more concurrent users

Vue.js Developer

Cloudbeds

November 2018 — October 2019

Remote

- Built PCI-compliant payment interfaces processing \$5M+ monthly
- Achieved 0% security incidents during payment system implementation
- Reduced payment processing time by 25% through optimized API calls
- Supported 4 backend developers as sole frontend developer, never blocking their progress

Full-Stack Developer & Founder

VVLEN

October 2016 — Present

Part-time

- Built and scaled e-commerce platform to €250K annual revenue
- Integrated 5+ external APIs (delivery services, payment gateways, marketplaces)
- Achieved 99.9% uptime with zero-downtime deployments
- Reduced operational costs by 70% through automation
- Handle 10K+ monthly orders with sub-second response times

Software Development

Independent Contractor

October 2015 — Present

Remote

- Building software solutions across diverse domains (e-commerce, social media, fintech, trading, gambling, web3)
- Full-stack development with focus on frontend architecture
- Solution architecture and technical consulting
- Includes overlapping contract work with companies listed above

Key Achievements

- ✓ Implemented AI chatbot saving 2-4 hours daily per agent at Rock.estate
- ✓ Scaled applications to handle 20M+ daily sessions with 99.95% uptime at OnlyFans
- ✓ Led team of 5 processing €10M+ monthly transactions at GR8 Tech
- ✓ Increased test coverage from 12% to 87%, reducing bugs by 65% at Ciklum
- ✓ Built ~€75K annual revenue e-commerce platform from scratch (VVLEN)
- ✓ Improved performance by 35-60% across multiple enterprise applications

Additional Information

Interests

Chess player (ELO 1500-2000), Quantitative Trading Systems, Software Architecture

Languages

Ukrainian (Native), Russian (Native)

English (B2 - Professional)

Czech (A2 - Active)

German (B1 - Passive)

Turkish (A2 - Passive)

Availability

Immediate | Remote, Hybrid, Relocation