

👋 Hi, I am Iliyan Velinov

Experienced software engineer skilled in JavaScript / TypeScript, React, Node.js, with a proven track record of delivering high-quality applications, ready to tackle new challenges and drive innovation in the tech world.

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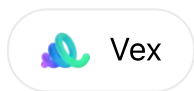
Github: <https://github.com/ibsukru>

LinkedIn: <https://www.linkedin.com/in/ibsukru>

📖 Education

Yildiz Technical University, 1998 - 2003
Engineering Mathematics, Bachelor's degree

🕒 I am currently working on:



Founder & Software Engineer

Vex · Full-time

Jan 2024 - Present

Amsterdam, North Holland, Netherlands · Remote

[Vex](#) transforms how you interact with AI through persistent conversations, intelligent memory, and seamless integration across all your devices. My focus is on delivering transparent, privacy-first AI solutions that adapt to your unique working style.

Personal AI assistant features:

- **Personalized Instructions:** Dynamic AI instruction generation based on your behavior, expertise, and communication style
- **Intelligent Memory:** AI-powered conversation memory that learns your preferences and context over time
- **Extension-First Design:** Native browser integration with Chrome/Firefox extensions for seamless workflow
- **Multi-Agent Intelligence:** DeepSeek, Claude, ChatGPT, and Flux integration with transparent credit system
- **Cross-Device Sync:** Your conversations and preferences follow you across web, mobile, and extensions

- **Privacy-First Architecture:** True message deletion, incognito mode, and complete data sovereignty

AI character profiling system:

- **Personality Analysis:** Advanced system that generates shareable character profiles from conversation patterns
- **Behavioral Insights:** Real-time analysis of communication style, expertise areas, and interaction preferences
- **Social Discovery:** Find collaborators through AI-verified personality traits and expertise matching
- **Dynamic Profiling:** Character profiles evolve with your conversations, becoming more accurate over time

Collaborative AI platform:

- **Live Collaboration:** First AI platform enabling real-time conversation editing by multiple users
- **Thread Sharing:** Share conversations with team members while maintaining privacy controls
- **Persistent Conversations:** Conversations save forever with full edit history and context preservation
- **Team Permissions:** Granular control over who can view, edit, or collaborate on conversations

Technical architecture:

- Next.js 14 with App Router for modern full-stack development
- React & TypeScript for type-safe, maintainable UI components
- PostgreSQL & Drizzle ORM with advanced schema management
- WebSocket infrastructure for real-time collaboration
- Zod validation for bulletproof data integrity
- RAG (Retrieval-Augmented Generation) for contextual AI responses

Business impact:

- Pioneered personal AI assistant with persistent memory and collaboration
- Built sustainable SaaS model with transparent credit pricing
- Achieved cross-platform compatibility (web, mobile, extensions)
- Established privacy-first AI as competitive advantage
- Created scalable architecture supporting thousands of concurrent users



FocusButton is a comprehensive productivity and mood tracking ecosystem that helps users maintain focus, manage their time effectively, and monitor their emotional well-being. The project combines minimalist design with powerful

functionality, available as both a web application, mobile app, and browser extension.

Key Achievements:

- Cross-Platform Focus Timer: Built a seamless timer system that maintains state across page refreshes and synchronizes between devices
- Comprehensive Mood Analytics: Implemented an intuitive mood tracking system with visual analytics, enabling users to identify emotional patterns and trends
- Multi-Platform Availability: Developed browser extensions for Chrome and Firefox, plus a mobile app, all with synchronized state management
- Internationalization Support: Implemented full i18n capabilities with English and Japanese language options that persist across sessions
- Created a distraction-free interface that prioritizes focus and productivity while maintaining accessibility

Tech Stack:

- Next.js 14 with App Router for server-side rendering
- TypeScript for type-safe, maintainable development
- Chrome/Firefox Extensions API for native browser integration
- React Native for cross-platform mobile experience
- Pure CSS Modules for lightweight, maintainable styling
- Custom hosting and deployment solution

🌀 I have previously worked on:



Mar 2019 - Nov 2023

Architected and implemented key features for DAZN.com, increasing user engagement through intuitive UI/UX design using React.js and TypeScript.

Optimized application performance and improved Core Web Vitals scores across all devices.

Spearheaded the adoption of Jest and mutation testing, resulting in a reduction in production bugs and an increase in code coverage.

Implemented state management solutions using React Context and React Query, improving data flow efficiency and reducing API calls.

Played a key role in migrating legacy codebase to modern React patterns and hooks, resulting in a reduction in bundle size and improved maintainability.



CheapTickets

2015 - 2018

Developed responsive and interactive user interfaces using React, enhancing the overall user experience of the travel booking platform.

Implemented complex CSS layouts and animations, ensuring cross-browser compatibility and adhering to web accessibility standards.

Collaborated with UX designers to translate wireframes and mockups into pixel-perfect, responsive web pages.

Optimized front-end performance, achieving a 30% improvement in page load times through efficient code practices and asset optimization.

Participated in code reviews and pair programming sessions, fostering a culture of knowledge sharing and continuous improvement within the development team.

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TypeScript



Next.js



PostgreSQL



Drizzle



Playwright



Jest



Stryker



CSS Modules



Lucide