Emil Bisak

SENIOR FRONTEND ENGINEER



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Tech stack

Core frontend skills
- HTML5, CSS3, JavaScript (ES5, ES6), TypeScript

Frameworks & libraries
- React.js, Next.js, jQuery

State management & data handling
- Redux, RTK Query, Context API, WebSocket, AJAX

Styling & UI frameworks
- SASS, LESS, Bootstrap, Ant Design, Material UI

Build & version control tools
- Webpack, Vite, Git, Bitbucket, Sourcetree, npm

Testing & debugging
- Jest

Markup & data formats
- XML, XSL, JSON

Project management & collaboration
- Jira, Trello

Other
- XSLT, Adaptive Cards

Core strengths

- Performance optimization
- Reusable component architecture
- Real-time and data-heavy UIs
- Clean, maintainable code
- Cross-functional collaboration
- Mentoring and code reviews

Languages

Serbian	Native
English	Professional
Slovak	Advanced
Hungarian	Beginner

Education

- Škola koda - React, Redux, React Native
- BIT - Frontend Bootcamp
- Krojačeva škola - Frontend course
- Singidunum University - Tourism and hotel management

Professional summary

Senior frontend engineer with 7+ years of experience building scalable React and TypeScript applications across SaaS and iGaming products. Strong focus on reusable architecture, performance optimisation, and data-heavy interfaces, with hands-on experience in real-time workflows, cross-functional collaboration, and maintainable frontend systems.

Professional experience

Senior frontend engineer | Freelance

Oct 2025 - Present

- Develop and maintain React + TypeScript admin panel features for an iGaming platform, supporting back-office and operational workflows.
- Build data-driven, real-time interfaces with tables, filters, forms, and management tools, including live updates via WebSockets and asynchronous data streams.
- Design reusable component systems and scalable frontend architecture to improve consistency and maintainability across modules.
- Optimize performance through improvements in bundle size, rendering efficiency, state handling, and responsiveness
- Collaborate with product, design, backend, and QA teams to deliver stable, reliable, and user-friendly internal tools.
- Maintain code quality through code reviews, testing, and modern frontend development practices.

Frontend developer | Unimaze Software

May 2019 - Mar 2025

- Developed and maintained features for a React + TypeScript SaaS e-invoicing platform used in financial and accounting workflows.
- Implemented frontend support for an AI-powered invoice reader, enabling automatic field recognition and reducing manual data entry.
- Improved UI performance and data fetching by migrating selected Redux flows to RTK Query and modernizing frontend patterns.
- Designed modular and reusable UI components to improve maintainability and consistency across the application.
- Designed and implemented XSLT stylesheets for dynamic invoice rendering and structured document generation.
- Developed and maintained an email templating system using Microsoft Adaptive Cards for dynamic transactional emails.
- Collaborated with distributed teams across Serbia and Iceland in Agile sprints, while contributing to code reviews, debugging, onboarding, and mentoring.