Blagoj Pejovski

Product Engineer | React · TypeScript · Next.js · Node.js | Web, Mobile, Streaming

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PROFESSIONAL SUMMARY

Full-stack engineer with 5+ years shipping production-grade web and mobile applications across media streaming, fintech, and AI developer tooling. Specialises in React and TypeScript front-end architecture with strong Node.js back-end capabilities. Proven track record delivering features at scale, from regional broadcasters reaching tens of thousands of daily viewers to platforms used by 90+ million music subscribers. Comfortable owning entire product surfaces, from architecture through CI/CD, in fully remote cross-functional teams.

WORK EXPERIENCE

Full-Stack Developer | **Vimond Media Solutions** · Bergen, Norway (Remote)   *Jan 2025 – Dec 2025*

▸ Built and maintained cross-platform video streaming applications for Norwegian regional broadcasters including TV Vest, Norway's largest commercial local TV channel, serving audiences across Rogaland, Stavanger and Sandnes; the platform contributed to a **50% growth in digital viewership** and 20% total audience growth for clients.

▸ Delivered consistent UX across web, iOS, Android and Smart TV from a TypeScript monorepo (React, React Native, Next.js), enabling faster feature rollout across 4 target platforms simultaneously.

▸ Implemented production-grade HLS adaptive bitrate streaming with Video.js and Bitmovin Player, including custom skins, IMA SDK ad integration and full Datadog observability for real-time monitoring of playback quality and error rates at scale.

▸ Integrated Stripe and Vipps payment flows and secured authentication via AWS Amplify and Cognito, supporting end-to-end monetisation for subscription-based streaming services.

▸ Raised test coverage with Jest unit tests and Playwright E2E pipelines; introduced Tailwind CSS and Styled Components to establish a consistent design system across the monorepo.

Full-Stack Developer & Co-Founder | **Promptground.io** · Remote   *Jun 2023 – Aug 2025*

▸ Co-built an AI prompt management platform entirely from scratch, now serving **200+ active users**, enabling engineering teams to version, test, and iterate on LLM prompts independently from application logic, similar to Git for prompt engineering.

▸ Designed the alias-based prompt retrieval system that decouples prompts from business logic, significantly reducing code coupling and accelerating prompt iteration cycles across multi-project environments.

▸ Owned full-stack architecture and delivery: React (TypeScript) front-end, Node.js (TypeScript) API, Redux Toolkit state management, Tailwind CSS design system.

Frontend Developer | **HTEC Group** · Skopje, N. Macedonia   *Jun 2022 – Jun 2023*

▸ Delivered front-end features for an Apple Music artist and producer web platform, a tool operating within Apple's ecosystem of **90+ million subscribers**, using TypeScript, React, Redux and Material UI across the full development lifecycle.

▸ Led front-end development of an internal HR management tool from scratch within a small agile team, owning UI architecture, component library, and feature delivery end-to-end.

Full-Stack Developer (Part-Time) | **Exelerate** · Skopje, N. Macedonia   *Feb 2022 – May 2022*

▸ Shipped the Rentd web app (React, TypeScript, Redux, Next.js, Node.js/Express) and bootstrapped the Rentd mobile application from scratch using React Native and TypeScript, delivering both platforms for a UK proptech startup in a compressed timeline.

▸ Integrated Elasticsearch to power fast, relevant property search across listings, improving content discoverability and search performance for landlords and tenants.

▸ Built Material UI component library and REST API integrations from the ground up, enabling the product to launch across web and mobile simultaneously.

Frontend Developer | **Asseco SEE** · Skopje, N. Macedonia   *May 2021 – Feb 2022*

- Developed and maintained features for one of North Macedonia's largest government web portals, serving hundreds of thousands of citizens, using React, Redux and Material UI.
- Built front-end features for banking institution clients, collaborating directly with clients, Product Owners and designers, translating complex financial workflows into clean, accessible interfaces.

Freelance Full-Stack Developer | **Self-Employed** · Remote *Jun 2020 – Jun 2025*

- Delivered full-stack client projects end-to-end using React, Node.js and TypeScript alongside product and architecture discussions directly with stakeholders, across 5+ years in parallel with salaried roles.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, Java

Front-End: React.js, Next.js (App Router), React Native, Expo, Redux / Redux Toolkit, TanStack Query, Tailwind CSS, Styled Components, Material UI, Video.js, Bitmovin Player

Back-End & APIs: Node.js, Express.js, Spring Boot, REST API design, GraphQL (basic), Elasticsearch

Databases: PostgreSQL, MySQL, MongoDB

Cloud & DevOps: AWS (EC2, S3, Lambda, Amplify, Cognito, CloudFront), Vercel, Docker (basic), CI/CD pipelines, Datadog

Testing: Jest, React Testing Library, Playwright, Cypress

Streaming & Payments: HLS, adaptive bitrate, IMA SDK, Stripe, Vipps

Practices: Agile (Scrum / Kanban), accessibility, responsive & mobile-first design, SEO, code review

EDUCATION

Bachelor's Degree, Software Engineering & Information Systems | **Faculty of Computer Science and Engineering (UKIM)**

Practicum in Entrepreneurship | **Syracuse University, New York**

LANGUAGES

English Full Professional Proficiency · **Serbian** Full Professional Proficiency · **Macedonian** Native