Vukan Vuckovic Full Stack Developer

Full stack developer with 4 years of freelance and contract experience, specialising in Next.js, React and TypeScript - currently working on Apawintment and Skycaster, live SaaS products

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WORK EXPERIENCE

Frontend Developer SkyCaster Contract · Remote *2024 - Present*

- Contracted frontend developer on a live weather broadcasting platform used by television studios in live programs
- Handling UI architecture, responsiveness, performance, and integration with backend data systems
- Built animated map rendering with Cesium.js and GSAP for real-time weather data visualizations on broadcast displays
- Integrated API key-based data delivery used in broadcasting software such as vMix

Stack: *Next.js, React, TypeScript, Tailwind CSS, GSAP, Firebase, Cesium.js, shadcn/ui*

Frontend Developer SXSFUL Contract · Remote *Feb 2023 - Present*

- Building and maintaining client websites, handling projects from initial brief through to delivery
- Working with WordPress and Elementor for client builds, while contributing to frontend work on in-house products
- Managing multiple projects in parallel, communicating with clients, and ensuring quality and timely delivery

Stack: *React, Next.js, TypeScript, WordPress, Elementor*

Full Stack Developer Freelance Self-employed · Hybrid *Jun 2021 - Present*

- Founded and built Apawintment, a multi-tenant appointment scheduling SaaS for veterinary practices, currently production-ready and in active client outreach
- Designed and delivered web solutions for Enput, a service business in wireless toll payment and VAT refund processing - built and managed website, digital marketing, promotional materials, and social media
- Delivered full-stack web applications for clients, focusing on responsive and performant interfaces

Stack: *Next.js, React, TypeScript, Tailwind CSS, Supabase, MongoDB*

PROJECTS

Apawintment *Multi-tenant appointment scheduling SaaS for veterinary practices*

- Built complete multi-tenant architecture with full data isolation per business, real-time availability engine across multiple staff and locations, and automatic conflict prevention
- Role-based access control, secure authentication, rate limiting, and input sanitization throughout
- White-label booking pages with a personalized sales demo system - prospects get a custom-branded preview before signing up, shortening the path from evaluation to conversion
- Booking fee collection to reduce no-shows, discount codes and loyalty system for client retention

Stack: *Next.js, React, TypeScript, Tailwind CSS, Supabase, shadcn/ui, Vercel*

Live: apawintment.com **Case study:** vukan-vuckovic.vercel.app/apawintment

SkyCaster *Weather broadcasting platform for live television (contracted role)*

- Frontend developer on a platform that delivers real-time weather data to television studios for use in live broadcasts
- Built and maintained the client-facing dashboard where broadcasters configure and retrieve live weather data, as well as the website itself and all the other UI components

Stack: Next.js, React, TypeScript, Tailwind CSS, GSAP, Firebase, shadcn/ui

Live: skycaster.tv **Case study:** vukan-vuckovic.vercel.app/skycaster

Coinnect *Full-stack banking platform*

- Accounts, cards, transactions, budgets, and spending analytics with interactive data visualizations
- Email notifications, Redux state management, GraphQL API, E2E testing with Cypress

Stack: *Next.js, React, TypeScript, Tailwind CSS, Redux, MongoDB, GraphQL, shadcn/ui, Jest, Cypress*

Live: coinnect-chi.vercel.app **Case study:** vukan-vuckovic.vercel.app/coinnect

SkySwift *Full-stack flight booking platform*

- Flight search, seat selection, dynamic pricing, luggage and meal add-ons, animated UI with GSAP
- JWT session handling for guest and registered users, booking codes, secure booking lookup

Stack: *Next.js, React, TypeScript, Tailwind CSS, GSAP, Redux, MongoDB, GraphQL, shadcn/ui, Jest, Cypress*

Live: skyswift-psi.vercel.app **Case study:** vukan-vuckovic.vercel.app/skyswift

QR Decoder *Browser-based QR decoder built for real-world, low-quality codes*

- Browser-based QR decoding tool with PDF support, batch processing, and image preprocessing for real-world damaged codes
- Built to solve a personal problem, now publicly hosted and free to use

Live: qr-decoder-eight.vercel.app **Case study:** vukan-vuckovic.vercel.app/qr-decoder

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, GSAP, Redux, React Context
Backend & APIs: Node.js, Next.js API Routes, RESTful APIs, GraphQL, Apollo
Databases: MongoDB, Supabase, Appwrite
Testing: Jest, Cypress, Playwright - unit, integration, and E2E
Tools & DevOps: Git, GitHub, Vercel, Figma, UploadThing, Electron.js
Other: Responsive design, performance optimisation, role-based auth, multi-tenant architecture

EDUCATION

Faculty of Organizational Sciences, University of Belgrade
BSc in Computer Science *part-time, alongside full-time professional work 2024 – Present*

LANGUAGES

Serbian (native)
English (professional)