Konstantin Vchkov

Software Developer | Full-Stack Developer

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Web Portfolio

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PROFESSIONAL PROFILE

I'm a dynamic and driven full-stack developer with a comprehensive skill set spanning from front-end technologies like HTML5, CSS, and advanced frameworks such as React and Next.js, to back-end technologies including Node.js and databases like PostgreSQL. Selfmotivated and always seeking new challenges, I specialize in crafting user-centric designs that ensure an intuitive experience for end-users. My adaptable nature and creative flair make me a valuable asset for any forward-thinking web development team.

- **Languages**: JavaScript, TypeScript, HTML5, CSS3, SASS

- **Frameworks/Libraries**: ReactJS, Next.Js, React Native, Expo, MaterialUI, Bootstrap, Framer Motion, React Query

- **Backend**: NodeJS, Express, MongoDb, PostgreSQL

- **Tools**: Webpack, ESLint, Prettier, GIT, Postman, Figma

- **Operating Systems**: iOS, Windows, Android

- **Methodologies**: Agile (Scrum, Kanban)

EDUCATION

- **Front End Developer**, Brainster Academy, Macedonia, 2024
- **Bachelor of Law,** Faculty of Law Iustinianus Primus, 2014-2020

PROFESSIONAL EXPERIENCE

Criminal Intelligence Analyst – Ministry of Internal Affairs – 07.01.2024

- As a Crime Analyst at the Ministry of Internal Affairs, I specialize in using data analytics and intelligence to support criminal investigations and enhance public safety.

- My role involves collecting, analyzing, and interpreting complex data from various sources to identify trends, patterns, and actionable insights that help law enforcement agencies make informed decisions.

Full-Stack Developer - [Nexiora](#) – 01.01.2024

- As a Full-Stack Developer at Nexiora, I'm deeply involved in enhancing the way users communicate with AI. My role includes:
- Developing core project functionalities with a commitment to clean and efficient code in React and Typescript.
- Analyzing business objectives to suggest and plan for impactful feature improvements during our collaborative sprint sessions.
- Crafting elegant front-end components with design style, using TailwindCSS to style and create visually cohesive user interfaces.
- Building a RESTful API with Node.js/Express.js, along with TypeScript for back-end architecture.
- Our PostgreSQL management focuses on optimizing databases for performance and scalability.
- Merging back-end efficiency with front-end elegance ensures engaging and responsive AI-driven app interactions.

IT TECHNICIAN – Ministry of Internal Affairs – 01.01.2018 – 06.30.2024

- Radio Station Maintenance: Spearheaded the upkeep and troubleshooting of radio communication systems, ensuring robust and reliable communication for ministry operations. My efforts were crucial in minimizing downtime and enhancing the effectiveness of internal and external communications.
- PC Repairs and Formatting: Demonstrated expertise in diagnosing and resolving hardware and software issues, leading to significant improvements in system reliability and performance. I efficiently formatted PCs to maintain optimal operational standards, ensuring that all systems were secure, up-to-date, and configured to meet the ministry's rigorous requirements.

- Leadership of the MTS Team: As the leader of the MTS (Mobile Technical Support) Team, I directed a team of skilled technicians, fostering a culture of technical excellence and collaborative problem-solving. My leadership ensured the team was well-equipped, responsive, and able to tackle complex technical challenges swiftly and effectively.

Freelance

- **Upwork** - Creating static web pages using html css and bootstrap only.
- **Independent Freelance** – Creating Web & Mobile Apps

SELECTED PROJECTS

- [**Brainster Labs**](#)**:** Brainster Labs is a project on which we will place all the projects Brainster students (Design Academy, Coding Academy, Marketing Academy) have made.
- *Tech Stacks*: Html, Css3, Javascript, Bootstrap

- [**Street Artists**](#)**:** Mobile web space for every street artist that will allow them to be able to track their income, and to have a place on the web where they can showcase their masterpieces.
- *Tech Stacks:* Html, Css3, Javascript, Bootstrap, Ajax
- **AIR CARE HACKATHON for Breathe.mk:** Contributed to a multi-disciplinary team developing an app for identifying air pollution hotspots, aimed at promoting environmental consciousness. My role focused on designing responsive user interfaces with Next.js, ensuring seamless integration with back-end systems. The app successfully heightened public awareness about air pollution.
- *Tech Stacks:* Next.js, Typescript, Bootstrap, Formik, Leaflet, YUP

- [**Igralishte.Sk:**](#) Created an online platform for a vintage women's clothing store using NextJS and jsonserver, incorporating e-commerce features and a mock REST API. This

project, part of my academic work, combined aesthetic design with functional back-end structures using NodeJS and related packages.

- *Tech Stacks:* NEXT.JS, Node.js, Nodemon, Typescript, Bootstrap, Formik, Leaflet, React-webcam ,UUID, YUP

- **E-commerce platform:** Developed a fashion-focused e-commerce app using React.js, featuring an intuitive interface with Firebase backend for secure transactions. Enhanced with SASS, styled components, and Redux for visual appeal and performance, it merges fashion with advanced web technology.

- *Tech Stacks:* React.js, Firebase, Styled-components, SASS and Redux

- **Marinov Design:** Marinov Design is a bespoke e-commerce platform I developed, showcasing unique handcrafted jewelry and home decor. This project was an exciting opportunity to blend artistic content with cutting-edge web technologies, creating a unique online shopping experience that emphasizes craftsmanship and uniqueness.

- *Tech Stacks:* Next.Js, Typescript, Css, Bootstrap, lottieweb, Axios.

- **Web Portfolio**: My personal portfolio website to provide professional information about myself, also representation of work i have created, as well as my skills and experiences.

- *Tech Stacks:* React.Js, Typescript, lottie-web, framer-motion, react-scroll, reacttypewriter, Context Api, Email.Js

- **Vesna-dent:** Web application for Vesna-Dent, a modern dental office dedicated to providing exceptional patient care through a seamless online experience.

- *Tech Stacks:* Next.js, Typescript, React-countup, Swiper, Lottie-react.

- **optiCV:** This is a startup web application using AI services to optimize cv for

Application Tracking System (ATS). Working by the scrum methodology, in a team of 8 people. Besides coding, everyday work includes meetings with the whole team, including Designer, Pm, Qa, Technical leader and Peer programming.

- **Nexiora:** As part of my work with Nexiora, I developed an informational web application that highlights the diverse skills and capabilities of the company. This application serves as a testament to Nexiora's commitment to technological excellence and strategic foresight. It exemplifies my ability to create solutions that not only showcase a company's strengths but also align with their innovative vision and operational goals.

- **Tech Stacks:** React.Js, Vite, Typescript, Tailwind.Css, Framer-Motion

- *Tech Stacks:* Node.js, Express.Js, Typescript, React.Js, Tailwind Css

Student of the Month
- **Brainster** - Front End Academy 04.01.2023

Certificates

- **Brainster** – Front End Academy

- **CyberSecurity** – Ministry of Internal Affairs

- **Zero to mastery Academy** - Udemy