



Nikola Marković *Frontend Developer*

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🧠 TECHNOLOGY STACK:

Languages

JavaScript, Java, TypeScript, SQL

Frameworks & Libraries

React.js, Next.js, Redux, Spring Boot, jQuery, Formik, Yup, Axios

Frontend Tools & Technologies

SCSS/SASS, Webpack, Vite, Material UI, Tailwind CSS, HTML5, CSS3, Fetch API, Responsive Design

Databases & Tools

PostgreSQL, DB2, phpMyAdmin, DbVisualizer, Supabase

Tools & Platforms

Docker, Podman, Kubernetes, Helm Charts, Git, GitHub, GitLab, WSL2, Linux basics, Shell/Bash

Other

WordPress, Squarespace Commerce, WooCommerce, Adobe Photoshop, GA4, SEO optimization

Frontend Developer with 4+ years of experience in **React.js**, **Next.js**, **TypeScript** and modern UI development. Skilled in building scalable applications, reusable components, and clean architecture.

Experienced with **Docker**, **Kubernetes**, **Helm**, **GitLab CI/CD**, Keycloak authentication, and Java/SQL work on enterprise EU projects including Telepass.

As a freelancer, delivered **headless Next.js storefronts**, **Squarespace integrations**, and optimized **WordPress** websites for performance and SEO.

🏆 CERTIFICATIONS & TRAINING

Maximilian Schwarzmuller - React The Complete Guide, *Udemy* 📄

📁 WORK EXPERIENCE

Frontend Developer, *Engineering Software Lab Serbia*

08/2022 – Present

1) Telepass — EVF/EVO Enterprise Invoicing Platform (2024–Present)

Java 8, SQL (DB2), MyBatis, XML, Maven, JBoss EAP, Docker, GitLab CI/CD

- Working on the **EVF/EVO batch invoicing system**, processing high-volume transactional data for enterprise billing workflows.
- Using **Java 8**, **MyBatis XML mappers**, and **DB2 SQL** to analyze, debug, and modify invoice-related processes.
- Writing and executing **DDL/DML scripts** to support business logic updates and data corrections.
- Supporting the **PDF generation workflow**, integrating with XML templates (Adobe LiveCycle).
- Debugging complex XML-based batch jobs and collaborating with Italian engineering teams on technical analysis.
- Using Docker environments, GitLab CI/CD pipelines, and Maven/JBoss EAP within a multi-module architecture.

2) ICOS — Intelligent Continuum Orchestration System (EU Project) (2023–2024)

React.js, Material UI, Keycloak, Axios, REST API, Docker, Kubernetes, Helm

Dynamic Policy Manager (DPM) — Core ICOS Component

- Developed the **Dynamic Policy Manager (DPM)**, a key ICOS module for policy management across the Cloud–Edge–IoT continuum.
- Designed and implemented the **frontend UI** using React.js and Material UI.
- Integrated **Keycloak** for authentication and **role-based access control (RBAC)**.
- Implemented features for **real-time policy monitoring, enforcement, and security compliance**.
- Ensured stable communication with backend services via **Axios** and REST APIs.

Containers, Orchestration & Deployment

- Worked extensively with **Docker** for containerization in WSL.
- Built Dockerfiles, Docker Compose setups, and multi-container workflows.
- Gained hands-on Kubernetes experience (Minikube, Podman):
 - deployments, services, ingress
 - ConfigMaps, Secrets
 - cluster networking, DNS
- Used **Helm Charts** to automate ICOS deployments and manage application versions.

3) Esselunga Project (2022–2023)

React.js, Java, GWT, SASS, Excel Testing

- Developed the **Asset Engine Image Analyzer**, a React.js web application for detecting and correcting image issues in ESC-managed product sheets.
- Integrated an advanced **drag-and-drop system** using **GWT in Java** for the GESCAT application.
- Created structured, extensive **Excel-based test cases** for the Chiosco Bar Atlantic application.
- Added **multilingual support** to the Java-based GESCAT app, enabling dynamic language switching for international use.

Frontend Developer, *Freelance*

10/2019 – Present

- Built modern, responsive websites and web applications for clients across various industries, using **WordPress**, **Next.js**, **React.js**, and **custom HTML/CSS/JS** solutions.

Danilo Vešović - React,
danilovesovic.com [↗](#)

**Mosh Hamedani - The Ultimate Java
Mastery Series, Udemy** [↗](#)

Colt Steele,
Mastering TypeScript - Udemy [↗](#)

- Delivered full website creation, performance optimization, SEO improvements, and integrations with third-party services and CMS platforms (Squarespace Commerce, WooCommerce).
- Developed headless frontend architectures and ensured clean UI/UX, fast loading times, and reliable mobile experience.

Selected Freelance Projects

- **coolfridgeguys.com** [↗](#) — *Next.js frontend + Squarespace Commerce backend (headless integration)*
- **tripolisweets.com.mx** [↗](#) — *WordPress e-commerce website*
- **casovifrancuskog.rs** [↗](#) — *WordPress website for French language school*
- **ladekor.rs** [↗](#) — *Custom HTML/CSS/JS handcrafted website*
- **anabelashop.rs** [↗](#) — *WordPress e-commerce store*

Frontend Developer, YouTestMe

09/2020 – 08/2021

- Managed **bug fixes**, QA tickets, UI issues, and performance problems for the *GetCertified* WordPress platform.
- Implemented **custom HTML/CSS** solutions and created new, responsive WordPress pages to improve user experience and platform consistency.
- Contributed to the **GetCertified Java application** using **Java 8**, working on UI improvements and theme adjustments through **SASS modifications**.
- Developed and maintained components using **JSF PrimeFaces**, improving frontend functionality and ensuring consistent styling across the platform.
- Collaborated with the engineering team using **SVN (Subversion)** for version control in a multi-developer environment.
- Used **SSH tunnels** to securely access remote servers, perform debugging, test deployments, and validate application changes in staging environments.

Image Annotator, Microwork.io

09/2018 – 05/2019

- Worked on **image annotation tasks** to improve machine learning training datasets for computer vision models.
- Annotated large batches of images (including sports match screenshots) by assigning **color-coded labels** to specific objects such as players, balls, field zones, and audience areas.
- Used **Adobe Photoshop** to accurately segment and color-mark each object category (e.g., players in orange, ball in red, field in green), ensuring high-quality and consistent labeling.
- Contributed to improving dataset accuracy and overall model performance by following strict annotation guidelines and quality standards.