Marko Mutić

Full Stack Engineer

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Professional full stack engineer with 6+ years of experience in building high-quality software solutions. Proficient in technologies such as React, JavaScript, Typescript, Node, etc., while also possessing deep knowledge of web development principles and computer science fundamentals. Comfortable handling a wide range of tasks due to a background in both freelancing and company work. Open to exploring new opportunities and challenges.

PROFESSIONAL SKILLS

React, Redux, Javascript, Typescript, Next.js, GraphQL, Node, Express, PostgreSQL, MongoDB, Socket.IO, Gatsby, jQuery, CSS, HTML

WORK EXPERIENCE

Frontend Engineer   July 2022 – Present
Nortik Software Solutions

Worked for a client based in California, dealing in direct-to-consumer healthcare apparel and lifestyle, collaborated with their internal team on developing their own platform, with traffic of over 4 million visits per month.

- Collaborated with five other team members on the localization project, built a custom language picker from scratch, connected it to Global-E services, kicking off multilingual support for the entire app, and resulting in an increase in international traffic. Built new Contentful migrations, updated schemas and added new fields and features.

- Refactored the ordering process within the Teams section of the app, made placing an order up to 70% faster, added support for different categories, handled authorization differences between team owners and team members for group orders, separated old code into view components and logic, and built a custom preview mode which enabled owners to see members' interface without having to sign out.

- Updated and built new GraphQL queries to support cursor-based pagination when working with large sets of data, redesigned the data flow, built the UI for both manual navigation and infinite scrolling effect, updated unit tests and mocked multiple overlapping queries, improving both the performance and the user experience.

- Added a series of performance optimizations, bringing down the LCP by 40%; replaced third-party functions with native solutions; implemented a series of accessibility changes across the app, modified Typescript configuration files to support the latest properties and approaches.

Full Stack Engineer   February 2018 – June 2022
Freelance

Worked for a wide range of individual clients, including shop owners, farmers, room painters, restaurants, construction companies, etc., and delivered results, most commonly entire projects from scratch, designed, coded, deployed and maintained. Regularly negotiated with non-technical staff and transformed vague ideas into concrete technical approaches, designed the data structure, flow, and even UI occasionally, and outlined possible improvements at every step of the way.

- Built the initial foundation layer for the whole frontend infrastructure, used profilers, lazy loading, sitemaps, pre-rendering etc., to improve performance and SEO, enabled communication with the backend using RESTful architecture, GraphQL or WebSockets, wrote unit tests and documentation where needed, overall helping new businesses take off and helping old ones expand their influence.

- Transformed simple presentational websites into modern interactive e-commerce Single Page Applications, built admin dashboards, added international language support, and added automatic translation of data submitted in foreign languages, increasing sales, traffic and interest from clients.

- Built servers from scratch, designed and built both relational and non-relational databases, implemented custom data validation, authentication, guarded routes, custom middleware functions, created new schemas, derived data from joined tables, migrated complete databases to cloud services, enabling businesses to add new tailored content and functionality and making them independent of third-party services.