MARKO MUTIĆ

REACT DEVELOPER | FULL STACK ENGINEER

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/Thorn29

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SKILLS

PROFICIENCY

- React
- Redux
- Javascript
- Node
- Express

EXPERIENCE

- PostgreSQL
- MongoDB
- Typescript
- NextJS
- Gatsby
- GraphQL
- Socket.IO
- JQuery

FAMILIARITY

- Docker
- Redis
- AWS

OVERVIEW

Professional web developer with 5+ years of experience, proficient in building functional and aesthetic user interfaces, modern web servers, as well as entire apps from design to execution, open for new opportunities.

EXPERIENCE

FRONTEND ENGINEER

NORTIK SOFTWARE SOLUTIONS | 2022 – PRESENT

Worked for a client based in California, dealing in direct-to-consumer healthcare apparel and lifestyle, collaborated with their team on developing their own platform, and, among other things:

- Created and updated GraphQL queries, broke down and arranged content into pages, used Apollo to connect data to the frontend, handled errors and updated tests
- Built a custom language picker, connected it to GlobalE services, updated and customized cookies, and passed the locale data to Contentful
- Built new components, added functionality that significantly sped up the process of placing an order, added UI improvements to pages, wrote tests to support new features
- Reviewed and refactored code in several different packages, removed redundant custom and third party React hooks, replaced them with simpler native solutions
- Implemented several different performance optimizations, bringing down LCP by 40%, changed loading priority of assets, fixed unwanted content flashes and loading errors

Most commonly used technologies include React, Typescript, Next.js and GraphQL

FULL STACK ENGINEER

FREELANCE | 2018 – 2022

Worked for a wide range of clients, including shop owners, farmers, room painters, construction companies etc., and delivered solutions, most commonly entire projects from scratch, designed, coded and deployed.

On the frontend:

- Built modern interactive SPAs using React, used Redux to centralize state and pass it around, combined it with selectors to further optimize the data flow, built custom Hooks and Higher-Order components
- Built complex functionality with vanilla Javascript, conditionally rendered elements, built templates, imported and used third party services, and connected data to PHP scripts
- Improved and maintained performance and SEO using tools like lazy loading, profilers, sitemaps, pre-rendering, and wrote and updated tests using tools like Jest and Enzyme
- Built static websites in GatsbyJS, used GraphQL to import and filter data, combined it with Gatsby packages to optimize image loading and improve performance

On the backend:

- Built web servers from scratch using Node and Express, divided the code into separate routers, created nested dynamic routes, used both built-in and third party middleware
- Built and designed relational databases in PostgreSQL, joined tables, processed and rearranged data before sending it to the frontend, exported and imported database dumps
- Built and designed non-relational databases in MongoDB, uploaded data to MongoAtlas, used Mongoose to build custom schemas and methods, as well as to join different collections
- Created custom middleware, created functions for additional authentication and authorization checks, hashed passwords and signed tokens to improve security

On a higher level:

- Connected the two layers using both RESTful and non-RESTful architecture, as well as GraphQL, and even websockets with Socket.IO
- Designed entire apps, negotiated with direct clients and non-technical staff, transformed vague ideas into concrete technical approaches, made suggestions and outlined possible improvements at every step