

VELJKO SEKULIĆ

FRONT-END ENGINEER

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PROFILE SUMMARY

Dedicated software engineer with over 3 years of proven commercial experience in front-end engineering. I am passionate about continuous learning and empowering others through mentorship and knowledge sharing. I hold expertise in front-end engineering and I've mastered skills like Typescript, React, and React Native. Able to effectively self-manage, as well as collaborate in a team setting.

SKILLS

React, React Native, Next.js, Typescript, React Query, Jest, Storybook, Tailwind, MUI, NX, Vue, Nuxt.js
Team leading, Leading interview process, Mentorship

WORK EXPERIENCE

FRONT-END ENGINEER AND DEVELOPMENT LEAD

October, 2019 – Present

Robotcode, Podgorica

- Successfully delivered a trip planner mobile application made in React Native from start to finish, helping the client publish it one month before the deadline.
- Successfully delivered biometric validation platform while helping clients raise bids from investors by consistently delivering successful demos.
- Helped the company grow from 8 to 25 people in a year by being part of the interview process for front-end candidates.
- Set up front-end architecture for multiple projects that my colleagues worked on, helping them work more efficiently.
- Participated in the company's front-end internships program, where under my mentorship 70% of interns became contributing team members.
- Gathered big domain knowledge in hospitality and biometrics.

FRONT-END ENGINEER

October 2018 – October 2019

Omnitech IT, Podgorica

- Worked solo on the front-end part and successfully published a food delivery platform that is now being used by 1000s of people.
- Worked directly with designers and gave them my input to create high-converting landing pages with perfect SEO.
- Worked on a component library which made our website building almost 50% faster in the long run.
- Worked solo on a Digital waiter app and delivered it to be used by 10s of restaurants in my city
- Worked with: Vue, Nuxt.js, SCSS, Tailwind, AWS, Firebase, PWA, etc.

PROJECTS

BIOMETRIC VALIDATION PLATFORM

REACT, STYLED COMPONENTS, NX, STORYBOOK, JEST, CAMUNDA

- A multi-tenant platform that allows tenants (banks, e-commerce, etc.) to validate their users through verification of their face and identity documents like passports, id cards, etc.
- Used Camunda.js which allowed tenants to orchestrate their validation process with no code.
- Developed using Styled Components for 95% CSS styling to ensure proper CSS scoping.
- Packages for capturing faces and documents are using custom-built SDK and WASM modules which helps achieve validation in <2s.
- Made the initial decision to use the Monorepo approach with NX which improved our efficiency in the long run.
- Utilized NX Rollup generator to create a stand-alone document validation package that can be sold as a separate product.
- Utilized Storybook which allowed our developers to test out features faster, without setting up the whole project, which improved our efficiency dramatically.

TRIP PLANNER MOBILE APPLICATION AND TRAVEL PARTNER PLATFORM

REACT NATIVE, REACT, STYLED-COMPONENTS, NX, SCSS, FIREBASE, STRIPE

- A mobile application made in React-Native that allows users to plan the complete itinerary for their trip. The users can choose to travel by plane, train, rent a car, book a hotel, book an airport lounge, etc., and finally pay, all within the app. While the Travel Partners can manage their bookings through the Admin platform made in React.
- Created a component library similar to MUI, but for React-Native, which allowed for rapid development and delivering the project 1 month before the deadline.
- Set up a NX Monorepo, allowing us to share types and common React business logic between mobile applications and admin platforms which allowed us to complete the whole platform in <8 months.
- Used SCSS generators to create a custom utility class library which sped up the styling of the Travel Partner Platform.
- Set up online checkout with Stripe SDK to allow users to securely pay for the booking, within the app.
- Utilized Firebase Distribution to send out our app to be tested by the QA testers.

FOOD DELIVERY PLATFORM

VUE, TAILWIND, PWA, FIREBASE PUSH MESSAGING

- Complex food delivery platform, consisting of shop and admin applications. It allows users to order food that gets delivered to them and later on pay.
- Made it into PWA to compensate for the lack of existence of a mobile application. It allowed for downloadable web application with offline mode.
- Implemented web push notifications notifying users when their order is ready, as well as notifying restaurants when they have a new order.
- Used Tailwind CSS to rapidly develop UI.