

# VELJKO SEKULIĆ

## FRONT-END ENGINEER

Podgorica, Montenegro

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### PROFILE SUMMARY

Dedicated software engineer with 5 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.

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### SKILLS

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

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### WORK EXPERIENCE

#### FRONT-END ENGINEER AND DEVELOPMENT LEAD

October, 2019 – Present

##### **Vega IT Omega, 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.