



# Ori Roll

Front end developer

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## ABOUT ME

Capable front-end web developer, highly adept at finding simple and efficient solutions for programming problems and creating performant, reusable and concise code. Proficient with Javascript, Typescript, React, CSS, HTML and more. (also, formerly a building architect - b.arch from the Technion)

## SKILLS

### HTML, CSS

Worked with vanilla CSS, Styled-components and CSS-classes

### Typescript

Including generics, conditional types, utility types, enums and more.

### Node.js

My server-side knowledge is relatively basic

### JavaScript

Very good understanding of concepts like functional programming, state, closures, scope, asynchronous and promises, event loop and more.

### React.js

(With redux/contextAPI, react router). Proficient with function components, hooks, structure and render efficiency.

### Other sources

VSCoDe, npm, git. AutoCAD, Revit, 3ds-max, Photoshop

### Libs

Libraries include MUI (Material UI), React-Formik with Yup-validations, Storybook, Jest, and others.

### Language skills

Hebrew - native speaker.  
English - native speaker level

## WORK EXPERIENCE

### Front end developer / BioT medical / 2021 - Aug 2022

Working as part of a FE team to create the company's new core 2'nd gen system, an off-the-shelf platform for connecting medical devices. We built 3 apps, including a UI-data-structure builder app, and a layer-designed libraries monorepo (managed with NX).

The apps utilize user customizable, entities data-structure, with generic code patterns and modular UI building blocks, to form the UI structure, that is then "fed" values from medical devices or any other source.

>> Created the apps' generic, data-aware, display & input renderers system, file upload system, multiple smart input components and form items, wrapping intl mechanism, and much more.

>> Diagnosed system wide unmount issues, leading to a refactor greatly improving performance and stability.

>> Technologies used: Typescript (including advanced TS patterns), MUI, Styled-components, Formik, Yup validations, react-intl internationalization. Occasionally Jest, Redux (w/ toolkit) + Saga.

Used Node.js for scripts and AWS lambdas

### Working on a lean project management web app startup / ~2020

During the corona outbreak, worked on a web app startup - a proof of concept for a project management app (like monday.com or clickUp). Designed most of the client side structure (with React) and some of the server side operations (node + mongoDB + express). Worked along with experienced developers.

### Other Architecture Work / 2014 - 2019

Before 2020 I worked at 3 architecture firms - Milner architects (2016 - 2019), Under contract for Azrieli (2015 - 2016), and Nahmias architects (2014 - 2015).

## EDUCATION AND OTHER BACKGROUND

2013 / Bachelor's degree in architecture from Technion (B.Arc).

2003 / Medic in the Combat engineering corps ("Handasa kravit")