

# Burak BAL

Front-End Developer

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## Summary

With 3 years of full time experience on industry, I have curiosity and I enjoy working with different and up-to-date technologies also prefer them to have observable results rather than staying in theory. As I progressed through my career as a Frontend developer, I also liked learning about other technologies such as DevOps, network and security.

## Education

**Erasmus+Bachelor** 02/19 - 06/19  
Czestochowa University of Technology,  
Czestochowa, Poland  
Institute of Computational Intelligence

**Bachelor** 09/15 - 06/20  
Yildiz Technical University, Istanbul, Turkey  
Computer Science

## Skills

- |             |                            |            |
|-------------|----------------------------|------------|
| ◦ React     | ◦ JavaScript<br>TypeScript | ◦ HTML/CSS |
| ◦ NodeJS    | ◦ MobX                     | ◦ Cypress  |
| ◦ Jest      | ◦ Mocha                    | ◦ Selenium |
| ◦ AWS       | ◦ Git                      | ◦ Jenkins  |
| ◦ Storybook | ◦ Docker                   | ◦ npm      |

## Languages

- Turkish - Native
- English - C1 Level of Certificate

## Experience

Please check my up2date resume at: <https://burakbal.com>

### Builder.ai, Frontend Developer

07/22 - ...

#### Achievements:

- Worked on fast-paced ecommerce and elearning projects with 3 months of delivery time as a contractor which uses ReactJS and Material UI. Also worked with internally developed block based pages like micro-frontend structure.
- For future development process, I created components that are used by other developers as well as other projects and also worked on optimizing the code structure to be more maintainable and reusable.
- Reviewed and improved the code quality of other developers and also guided them to apply better solutions.
- Wrote unit tests and integration tests which has at least 80% coverage.

#### Technologies:

- React - HTML/CSS
- Jest
- TypeScript
- Material UI

### Ceiba Healthcare, Frontend Developer

05/21 - 07/22

#### Achievements:

- Developed re-usable components from scratch for consistency, easier development, better customization and performance such as form components, dynamic data grid, filter panel, calendar, lazy load and etc.
- Implemented global state management library MobX to apply better SOLID principles. With this enhancement, data models, backend request services, page rendering and configuration of pages are separated.
- Refactored 3 out of 4 most used and critical pages of the application. While doing this, guided other developers to apply best practices and to improve their code quality.
- Monolith codes are divided into minimal re-usable components. With this, 4000+lines of code have been reduced to like 1000 lines of code with much more manageable and performance efficient structure.
- Implemented victory chart library to display patient historical vital values comes from monitoring devices on daily basis with one minute interval. With optimizations and downsampling, render time of thousands of data reduced 600ms to lower than 100ms.

#### Technologies:

- React - HTML/CSS
- JavaScript
- MobX
- i18n
- Victory Chart Library

### Evet Technologies, Frontend Developer

03/20 - 04/21

#### Achievements:

- Collaborated on the development of 4 different projects simultaneously with ReactJS and MobX which were used on Affiliate Network Industry.
- Worked on creating re-usable components such as form inputs, tables and search input can support thousands of options with render time less than one ms with windowing techniques.
- Collaborated on creating private npm library for better versioning, component reusability and backward compatibility. Also added Storybook structure to serve these components standalone on isolated environment for easier testing and documentation.
- Wrote e2e tests in appropriate scenarios using Mocha and Cypress.
- Since the projects run in different subdomains; caching and information transfer has been provided with the cookie and localStorage methods.

#### Technologies:

- React - HTML/CSS
- MobX
- i18n
- Gatsby
- Mocha & Cypress
- JavaScript
- Storybook