

# Bedirhan Say

FRONTEND DEVELOPER

Bolu/Turkey

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## Summary

As a result-oriented Frontend Developer, I focus on improving user experience and aesthetics in web design. I stay updated with the latest technologies, software, and tools to deliver perfect functionality and visual appeal. Additionally, I enhance my skills by using Python and R for analytical thinking and machine learning algorithms to produce data-focused solutions that meet users' need

## Work Experience

### Saka Soft. Co., Ltd.

Istanbul, Turkey

FRONTEND DEVELOPER

June 2021 - Oct. 2023

- As a frontend developer, it is important for me to create a clean and organized codebase when writing code. I follow clean code principles and the SOLID architecture to enhance the readability and maintainability of the code. Additionally, I use formatters to ensure consistent code formatting. These help provide clarity and context, especially in complex sections of the code.
- I prioritize clean, well-structured code that adheres to clean code principles and follows coding standards like the Airbnb style. I implement effective error-handling mechanisms to ensure smooth application operation.
- Developed various web applications using React and Next JS.
- Created responsive designs using HTML, CSS and JavaScript.
- Used the necessary tools and methods for SEO optimization.

### OCG Biotechnology. Co., Ltd.

Istanbul, Turkey

DATA SCIENTIST

Nov 2020- Jun 2022

- Responsible for data analytics and machine learning projects.
- He produced data analytical solutions using programming languages such as Python and R.
- Used data mining, basic statistics, machine learning and data visualization techniques
- Cleaned, converted and preprocessed datasets.

## Frontend Developer

### CITIOAPP

SAKA SOFT

- CitioApp is designed as a website that enables all guests coming to Istanbul and Turkey from abroad to plan and access all the facilities in advance.
- <https://citioapp.com/>

### ROMA SOLUTION

SAKA SOFT

- The sales website of Roma Solution was the start-up that would handle external projects in a separate entity.
- <https://www.romasolution.com>

### AVIS AGRI

SAKA SOFT

- Avis Avgri is a website built around the sale of drones, incorporating reservation and online sales processes. Firebase and Next.js have been utilized in its development.
- <https://avisagri.com>

### MEDIOAPP

SAKA SOFT

- A website that will be used to connect people who come from abroad and receive medical treatment in Turkey with hospitals. Written with NextJS.
- <https://medioapp.com/>

### LOS BUTIK

FREELANCER

- It was prepared with next.js as the e-commerce website of the women's clothing store in Bolu. React.js was used for the panel.
- <https://losbutik.com/>

### BROCCOLI

SAKA SOFT

- Scraping and optimization of data on potential buyers for a new health kit that will be used in the beauty industry. Price recommender system based on location.
- <https://procoli.com>

## Skills

### Programming Language

- Javascript
- Python
- R

### Technologies

- React JS
- Next JS
- Django
- Node JS

### CSS

- SASS
- LESS
- Tailwind
- Bootstrap

### Databases

- MongoDB
- PostgreSQL

### Libraries

- Socket.io
- Redux
- Gulp
- Webpack

### VCS

- Git
- Bitbucket

### Task

#### Management

- Jira
- Agile
- Scrum

### Other

- MacOS
- Ubuntu
- English

## Data Scientist

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### Kaggle Competitions

#### PLAYERS SALARY FORECAST

- The variables affecting the salary of basketball players playing in the NBA provided by Kaggle are given. When making salary estimates of these players, artificial neural networks, K neighbor regression and decision trees regression were used. lasso was used for regularization.

### Kaggle Competitions

#### VEHICLE CONSUMPTION FORECAST

- XGBoost, Lasso, Ridge, ElasticNet, Linear regression models were used in the analysis of vehicle fuel consumption with the data provided by the University of California Irvine campus (UCI). At the same time, the achievements of the NCA and PCA methods, which are regularization methods, were compared.

### OCG BIOTECHNOLOGY

#### COVID-19 PREDICTION

- Trained a Logistic Regression model to predict whether a patient is Covid positive using PCR machine data, reducing time cost by 99 percent.

### Kaggle Competitions

#### BREAST CANCER FORECAST

- In the analysis of the data of patients with breast cancer provided by Kaggle, it was estimated using the KNN classification algorithm by applying the principal component method for size reduction.

## Education

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### Bartın University

#### B.S. IN MOLECULAR BIOLOGY AND GENETICS

*Bartın,Turkey*

*Oct. 2016 - Jun. 2020*

- Project : Analysis and statistical calculations using python with zone diameter variables to study the effects of Alcanna Tinctoria plant on burn scar tissue using linear regression.

### University of Lodz

#### B.S. IN APPLIED BIOINFORMATICS

*Lodz,Poland*

*Feb. 2018 - Aug. 2019*

- Project : Investigation of FASTA formats and primer design of related gene sequences using snakemake, a bioinformatics workflow application.

## Extracurricular Activity

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### Molecular Biology Turkey

#### HEAD

*Online,Turkey*

*Feb. 2020 - Nov. 2022*

- Webinars were made by bringing together leading people with students in companies owners, academicians and similar institutions.

### Bargenetech

#### HEAD

*Bartın, Turkey*

*Oct. 2019 - Mar. 2020*

- to provide students with research skills. Motivational seminars and personal development seminars were held before the exams.