

# Youssef Al Bokl

SOFTWARE ENGINEER · FULL-STACK DEVELOPER

Cairo, EG

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“Simplicity is deceptively complicated.”

## Personal Profile

Highly motivated and dedicated Junior Software Engineer with a specialization in full-stack development. Proficient in a variety of programming languages including JavaScript, Python, and Java, as well as frameworks such as React, Node.js, and Django. Possess strong problem-solving skills and a passion for delivering high-quality software solutions. Skilled in SQL and NoSQL databases including MongoDB. A quick learner and effective communicator who works well both independently and as a collaborative team member. Seeking an opportunity to leverage technical expertise and gain hands-on experience in a dynamic software development environment.

## Work Experience

### Nabta Health Ltd.

Dubai, UAE

Full-Stack Developer

Dec 2021 - Present

- Worked on Nabta Health's website front-end using React, React Router and Tailwind to create responsive and visually appealing user interfaces.
- Helped develop back-end systems for both Nabta Health's website and mobile app using Spring and NodeJS frameworks.
- Designed and implemented complex SQL queries to improve database performance and efficiency.
- Collaborated with cross-functional teams including UX designers and QA testers to ensure the timely delivery of high-quality software solutions.
- Successfully completed a project to integrate a secure payment gateway system into Nabta Health's website and mobile app, ensuring smooth and reliable transactions for users.
- Participated in implementing a chat-bot feature for Nabta Health's mobile app, using natural language processing (NLP) to improve user engagement and retention.

### Robusta Studio

Cairo, Egypt

Internship

Jun 2019 - Sept 2019

- Worked on developing the front-end of several web applications using React and global state management, contributing to the team's effort in delivering high-quality software solutions on time.
- Participated in the development of a mobile application using React Native, gaining experience in cross-platform mobile development and integration with back-end APIs.
- Worked on optimizing database queries and improving database schema design, resulting in a significant reduction in page loading times and improved user experience.

## Personal Projects

### Boktel

Hotel Booking Website

Github Repository

March 2023

- Developed a hotel booking website similar to Airbnb using React and Node.js with an SQL database to store and manage data.
- Designed the frontend using Material UI and implemented user authentication and authorization using JWT tokens.
- Implemented server-side pagination, sorting, and filtering to handle large amounts of data, ensuring a smooth and efficient user experience.

### Fitness Buddy

Fitness Advice Website

Github Repository

Dec 2021

- Developed a fitness advice website using React and Firebase to provide users with personalized exercise plans and nutrition advice.
- Implemented user authentication and authorization using Firebase Authentication and stored user data using Firebase Firestore.
- Integrated several third-party APIs such as Nutritionix and OpenAI to provide users with comprehensive and accurate fitness advice.

## Countries

Country Wiki

*Github Repository*

May 2020

- Developed a web application to display information about all countries using React, Redux, and the REST Countries API.
- Implemented search and filtering functionalities to enable users to easily find the information they need.
- Designed the frontend using Material UI, making the application responsive and visually appealing.

## Skills

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**Programming** JavaScript, C++, Python

**Web Development** React, Redux, Node.js, Django, Spring, REST APIs, HTML/CSS

**Databases** SQL, MongoDB

**Tools and Technologies** Git, Tailwind CSS, Bootstrap CSS, Docker, Firebase, Material UI

## Education

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### Cairo University - Faculty of Engineering

*Cairo, Egypt*

BSc in Electrical Engineering and Automatic Control

*Sept 2016 - July 2021*

- Achieved a GPA of 3.5 out of 4.0.
- Completed coursework in programming, algorithms, data structures, signals and systems, control systems, power systems, and electronics.
- Designed and built a digital clock using a combination of digital and analog circuits, including an oscillator, counter, and display driver, and implemented it on a printed circuit board.
- Served as a teaching assistant for an electrical testing course, guiding students through lab sessions and grading their assignments.

## Languages

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- **English** Professional proficiency
- **Arabic** Native proficiency
- **French** Amateur proficiency

**References available upon request.**