

# Obada Erfan

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**Dedicated Software Engineer** with a strong focus on **frontend development** and **web applications**. Proficient in **React** and other modern JavaScript frameworks, I excel at building **user-centric** and **high-performance** interfaces. Experienced in **full-stack development**, including **backend** and **database** technologies. Eager to contribute to the development of innovative **enterprise-level** solutions.

## Employment

### 100Devs

2022-

#### Software Developer - Full Stack

- **Led** the development of robust, user-centric web applications using **React and Next.js**, facilitating seamless user experiences.
- **Implemented** responsive UI designs, ensuring optimal performance across various devices.
- **Leveraged** Google Firebase or MongoDB for real-time data synchronization and authentication, enhancing application responsiveness and security.
- **Collaborated effectively with cross-functional teams**, influencing technical decisions and mediating discussions to achieve project goals.
- **Spearheaded the development** of professional-level applications, including complex web interfaces
- **Proactively researched** the latest trends in web technologies, including React, Next.js, and more, to proactively integrate the latest into projects so we can enhance product features and improve performance.

### TELUS, SmartHome Security

Montreal

#### Tech Support and Software Testing

2021-2024

- Simultaneously provided exceptional technical support to customers and led application testing and defect reporting for the Software Engineering team.
- **Leveraged strong analytical and problem-solving** by diagnosing and troubleshooting complex technical issues faced by Telus SmartHome Security customers.
- **Saved the company at least \$800,000** in technical dispatch costs through proactive customer education and issue resolution. Also, **Resolved 92% of customer issues** within the first contact.
- **Led** application testing and defect reporting, **collaborating with diverse stakeholders**, including clients and the software development department, to **optimize products and internal staff software**.
- **Maintained** well-organized documentation (issues, plans, cases, results) to ensure traceability and accountability.

## Recent Software Projects

- **Moodl, the Mood Tracker**
  - Developed a comprehensive Mood Tracking Application using NextJS 14, featuring Firebase authentication and real-time updates via Firestore.
  - Implemented data visualization of mood trends and designed a modern UI with TailwindCSS for an enhanced user experience.
- **Seela, the AI Article Summarizer**
  - Developed using *React, Tailwind, Redux and "Article Extractor and Summarizer" API from RapidAPI*.
  - The app allows users to paste a link to get a concise summary of the site/article demonstrating strong understanding of AI and its practical applications.

## SKILLS & INTERESTS

**Coursework:** MySQL, Data Structures, Coding Algorithms, Design Patterns, and Asynchronous Programming.

**Technologies:** HTML, CSS, JavaScript, React, GraphQL, Node.js, MongoDB, Google Firebase, Tailwind, NextJs.

**Technical Skills:** API Integration, Full-Stack, Responsive Web Design, Version Control, Database Management, NPM.

## EDUCATION

Concordia University

Urban Planning & Web Development

Montreal, QC, Canada