

# Full Stack Developer

## React \ Node.js \ JavaScript

**Sagi Levi**

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### Summary

- **2 years of active coding experience** using **Node.js, REST APIs, JavaScript, React, Redux, SQL, NoSQL, Bootstrap, Tailwind, Express, Docker, Kubernetes, and Socket.IO.**
- Highly skilled in writing clean, organized, and efficient **code.**
- Developed **9 projects** using JavaScript, **TypeScript, Node.js, React, MongoDB, PostgreSQL, Redux, Socket.IO,** and Redis.
- Good understanding of **network concepts,** and experience with **Object Oriented Principles.**
- Finished an intensive **Full Stack Development course** with a specialization in **JavaScript technologies.**
- **B.Sc. in Mechanical Engineering,** Dean's List; **GPA - 90.**
- An enthusiastic team player with quick perception and high **self-learning** ability, always eager to learn new things, and possesses strong communication skills.
- Aim to leverage my expertise to create innovative solutions that improve people's lives.
- **English** - Full professional proficiency.

### Experience

2020 - 2023 **Full Stack Developer,** Freelance

- Designing, developing, deploying, and maintaining **3 high-quality web applications** using diverse **cutting-edge technologies,** including **Node.js, React, MongoDB, PostgreSQL, Redux,** and more.
- Possessing a wealth of expertise in both **front-end** and **back-end** development.
- In addition, all the projects were deployed to **Amazon AWS** using **Docker,** a powerful containerization tool that streamlines the deployment process and enhances scalability.
- Proactively keeping up-to-date with emerging **industry trends** and **technologies**
- Ensuring **application security** by adhering to **best practices,** protecting user data, and safeguarding against potential vulnerabilities.

2016 - 2019 **Mechanical Engineer,** Israel Aerospace Industries

- Shorten working time for technicians by 20% by constructing engineering instructions for alternative tools.
- Shorten working time for technicians by 35% by designing, constructing, and printing replacement tools.
- Work on an aerial refueling project - planning, building models, and presenting the project.
- Help to maintain engineering instructions.

## Projects

### 2023 **Dynamic Branch Map - React, Strapi, Tailwind, Vite, PostgreSQL, AWS S3**

- An interactive map that displays the locations of all the branches of a company around the world.
- The frontend was developed using **React** and styled with **Tailwind**, featuring interactivity powered by **Google Maps API**.
- The data regarding the branches is managed by the **Strapi** CMS and ORM, which also provides an API.
- **PostgreSQL** was used as the database system, and **AWS S3** was used for storing images.
- The whole frontend project is bundled by **Vite**.
- Link to project - <https://github.com/sagi403/dynamic-branch-map>

### 2023 **React Random Avatars - React, Storybook, Rollup**

- React Random Avatars is a unique, easy-to-use **React library** that generates random, consistent avatars based on a provided name.
- The library was built using **TypeScript** and React, with **Jest** for testing.
- **Storybook** was used for developing components in isolation, and **Rollup** was used for bundling the library.
- The library is available on **npm** for others to use.
- Link to project - <https://github.com/sagi403/react-random-avatars>

### 2023 **Whatsapp Clone Project - React, Node.js, Redux, MongoDB, Redis, Socket.IO**

- A messaging platform built using **React** and **Tailwind** for the front end and **Node.js** and **Express** for the back end. The database is **MongoDB**, managed with Mongoose, and **Redis** was used for caching.
- Real-time communication between clients and servers was implemented with **Socket. IO**.
- React Hooks were used to manage the global state in components with **useContext** and **useQuery**, and the majority of the code is written in **JavaScript**.
- Link to project - <https://github.com/sagi403/whatsapp-clone>

### 2023 **Love That Last Project - React, Node.js, Redux, MongoDB**

- **E-commerce** platform developed with **React** and **Bootstrap** for the front end and **Node.js** and **Express** for the back end.
- The database is **MongoDB**, managed with Mongoose, and the global state is managed in components with **Redux**.
- The platform is designed to provide efficient rendering and user-friendly interfaces, and almost all the code is written in **JavaScript**.
- Link to project - <https://github.com/sagi403/love-that-last>

### 2022 **Ulti Wallet Project - React, Node.js, Redux, PostgreSQL**

- **Cryptocurrency wallet** application developed with **React** and **Bootstrap** for the front end and **Node.js** and **Express** for the back-end
- The database is **PostgreSQL**, and the global state is managed in components with **Redux**.
- The platform is designed to provide efficient rendering and user-friendly interfaces, and almost all the code is written in **JavaScript**.

- Link to project - <https://github.com/sagi403/ulti-wallet>

## 2022 **Face Recognizer Backend Project - Node.js, MongoDB, Docker, Kubernetes**

- Face Recognizer backend service built with **Node.js** and **MongoDB**.
- The service exposes a rest server that runs on top of a **Docker** container.
- Link to project - <https://github.com/sagi403/face-recognizer>

## 2022 **Mortgage Calculator Project - React, Node.js, MongoDB**

- Mortgage Calculator **web app** built with the **MERN** stack. Most of the code was written in **JavaScript**.
- Link to project - <https://github.com/sagi403/mortgage-calculator>

## 2022 **Ticketing Project - React, Next.js, Node.js, MongoDB, Redis, TypeScript**

- Ticketing platform built with **React** and **Next.js** on the front end.
- Each service is created using **Node** and **Express**.
- Data for each service is held in either a **MongoDB** database or **Redis**.
- The entire app is deployed and runs in **Docker** containers executed in a **Kubernetes** cluster.
- Link to project - <https://github.com/sagi403/ticketing>

## 2022 **Sleegg Project - React, Node.js, Redux, MongoDB**

- **E-Commerce** platform built with the **MERN stack**. Most of the code was written in **JavaScript**.
- Link to project - <https://github.com/sagi403/sleegg>

## Education

2014 - 2018 **B.Sc. Graduated in Mechanical Engineering**, Ariel University

- Dean's List: Degree average - 90

2022 - 2023 **Full Stack Development Bootcamp**, HackerU

- **Website building** course with specialization in **JavaScript** technologies

## Courses

2023 **Socket.IO** (socket io v2) Course, Udemy

2023 **Blockchain development**, BlockchainExpert Course

2022 **SQL** Course, Udemy

2022 **Prometheus** and **Grafana** Course, Udemy

2022 **Microservices** with **Node JS** and **React** Course, Udemy

2022 **Docker and Kubernetes** Course, Udemy

2022 **Typescript** Course, Udemy

2021 **MERN** Course, Udemy

2021 **Web Development Bootcamp**, Udemy

2021 **JavaScript** Course, Udemy

2021 **Python Pro Bootcamp**, Udemy

## Skills

Programming Languages - **JavaScript, TypeScript, Python**, CSS, HTML

Databases - **MongoDB, PostgreSQL, Redis**

Frameworks and Libraries - **React, Node.js, Express, Redux**, Bootstrap, Tailwind, Socket.IO

Other Tools and Technologies - **REST APIs, Docker, Git, AWS**

## Military Service

2010 - 2013 **Field Intelligence Corps, IDF**

## Languages

**Hebrew** - Native | **English** - Fluent