

# Belal Sameh Mohammed

MERN Stack Developer

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👤 BelalSameh2022 ↗ belalsameh-portfolio

## EDUCATION

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2018 – 2022 **Bachelor of Engineering**  
Systems & Computers Department | Al-Azhar University. ↗

## COURSES

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2024/04 – 2024/09 **Route Academy**  
Back-end web development diploma.

2023/02 – 2024/04 **American Egyption Academy** ↗  
English course.

2023/05 – 2023/10 **Route Academy** ↗  
Front-end web development diploma.

2021/08 – 2021/10 **Udemy**  
- HTML & CSS Tutorial and Projects Course.  
- Javascript Tutorial and Projects Course.

## PROFESSIONAL EXPERIENCE

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2024/10 – 2025/10 **Telecom Egypt**  
Technical Support Engineer

## TECHNOLOGIES

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### Back-End

NodeJS, ExpressJS, Third party services (e.g. Multer, JWT, ...etc), RESTful APIs, GraphQL, Web socket (Socket.io), NestJS

### Front-End

ReactJS, JQuery, Bootstrap, Tailwind CSS, HTML, CSS, SCSS, NextJS

### Full-Stack

JavaScript (ES6+), TypeScript, Model-View-Controller architecture (MVC)

### Databases

NoSQL Databases (MongoDB), ODM (Mongoose), SQL Databases (MySQL), ORM (Sequelize)

### Version Control

Git, GitHub

### Tools & Platforms

Visual Studio Code, Postman, Docker

## SKILLS

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- Integrate with RESTful APIs and third party services.
- Optimize applications for maximum speed and scalability.
- Write clean, maintainable, and well-documented code.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Stay up-to-date with emerging trends and technologies in web development.
- Troubleshoot and debug applications to ensure optimal performance.
- Designing, developing, and maintaining web applications.
- Ensuring high performance and responsiveness to requests from the front end.

## PROJECTS

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### E-commerce

Postman documentation 

This project focuses on developing the backend infrastructure for an e-commerce platform. The system is built using RESTful APIs to handle essential functionalities such as user registration, product management, order processing, and payment gateway integration. The backend is designed to support high scalability and security, ensuring fast transactions and secure data management. Technologies like Node.js, Express, MongoDB, and JWT are used for authentication, database management, and handling API requests. The key features include shopping cart management, inventory tracking, order history, and product reviews.

### Job Search App

Postman documentation 

This particular app describes searching for a job that is relevant to their domain or area of interest. Different components can be created underneath index.js which serves as the root file. These components have program code for API calls, posting details of job search, error messages in case of wrong entry. Also has filter option to get the required job, handles the user's data, handles the company's data and handles the Job Applications.

### Notes

Github repository 

A web application built using the Model-View-Controller (MVC) architecture. It allows users to create, view, edit, and delete personal notes. The app includes user management features, enabling users to register, log in, and manage their accounts securely. Each user's notes are stored in a database, ensuring that they are private and accessible only to the respective user. The application is typically built using technologies like Node.js, Express.js, MongoDB, and EJS for templating, providing a structured and scalable approach to web development.

### Chat-room

A real-time chat app built with Node.js, Express.js, and Socket.io. Users can join a chat-room by entering a username, send and receive messages instantly, and get notified when users join or leave. The app features separate join and chat screens, offering a responsive interface and seamless communication via Socket.io.

### Freshcart

- Developed a fully functional E-commerce website using React, Redux, and styled-components.
- Implemented features like product listing, shopping cart, and user authentication.
- Utilized RESTful API endpoints to fetch and display product data.

### Yummy

- Meals App in HTML, CSS, Bootstrap, JavaScript & JQuery.
- In this app, user can easily search any meal in two ways by meal name or meal first letter, can also find any meal on the list and know full details about it.
- Utilized RESTful API endpoints to fetch and display meals by categories, area, ingredients & their details.

## LANGUAGES

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English

Arabic