Abdelrahman mostafa *MERN-Fullstack developer*

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Education

2022 – present Giza, Egypt	**Bachelor degree in computers and artificial intelligence** *Cairo university*

Skills

Node.js	● ● ● ● ●	Express.js	● ● ● ● ●
Javascript	● ● ● ● ●	MongoDb	● ● ● ● ●
Mongoose	● ● ● ● ●	React.js	● ● ● ● ○
Rest Api	● ● ● ● ●	Mysql	● ● ● ● ●

Courses

2024/05 – 2024/09	**Back-End web development (Node.js)** *Route*
2023/05 – 2023/09	**Front-end web development (React.js)** *Route*

Projects

E-commerce Api (Back-end) ⊡
- **Node.js**: Utilized for its efficient and event-driven architecture, ensuring the API can handle multiple requests simultaneously with high performance.
- **Joi**: Integrated for data validation to ensure that all incoming requests meet the necessary criteria before being processed, enhancing data integrity and security.
- **JSON Web Token (JWT)**: Used for secure authentication and authorization, ensuring that user sessions are managed securely across the platform.
- **bcrypt**: Employed for hashing user passwords, adding an extra layer of security to protect sensitive user information.
- **Mongoose**: Provides a straightforward, schema-based solution to model application data, making interaction with MongoDB more efficient and organized.
- **MongoDB**: Chosen for its flexibility and scalability, serving as the database to store all application data, including user information, product details, and transaction records.

Fresh cart e-commerce (Front-end) ⊡
- **React.js**: Utilized for building a fast and responsive user interface with reusable components, ensuring a smooth and interactive user experience.
- **JSON Web Token (JWT)**: Employed for secure authentication and authorization, managing user sessions effectively and securely.
- **Yup**: Used for form validation to ensure that user inputs meet required criteria before submission, enhancing data integrity.
- **Formik**: Integrated to manage form state, making it easier to handle complex form interactions and validations.
- **Axios**: Used for making HTTP requests to interact with the backend API, ensuring efficient data fetching and submission.

- **Bootstrap**: Provides a responsive and visually appealing design with pre-styled components, ensuring a consistent and modern look across the application.

Job search Api (Back-end) ⎘

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- **bcrypt**: Employed for hashing user passwords, adding an extra layer of security to protect sensitive user information.
- **Mongoose**: Provides a straightforward, schema-based solution to model application data, making interaction with MongoDB more efficient and organized.
- **MongoDB**: Chosen for its flexibility and scalability, serving as the database to store all application data, including user information, job listings, and applications.

simple social media Api (Back-end) ⎘

- **Node.js**: Utilized for its efficient, event-driven architecture, ensuring the API can handle multiple requests simultaneously with high performance.
- **Sequelize**: An ORM for Node.js that simplifies database interactions with MySQL, providing an abstraction layer to handle database operations with ease.
- **MySQL**: Chosen for its reliability and performance in handling relational data, serving as the database to store user information, posts, and comments.
- **bcrypt**: Employed for hashing user passwords, adding an extra layer of security to protect sensitive user information.

Languages

Arabic

English
B2+