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Objectives

Bachelor's degree in Computer Science with extensive experience as a Backend Developer specializing in Node.js. Skilled in building scalable and robust applications, with a strong command of MongoDB for data management and Mongoose for data modeling and schema validation. using NestJS to create efficient, maintainable, and well-structured applications. Eager to leverage these skills in a professional setting, seeking opportunities for growth and development. Committed to delivering high-quality solutions and ready to excel in a new and challenging role.

Education

Bachelor's degree in Computer Science | Kafr El-Sheikh University | 2022

Graduation Project: Hospitals Management System: A system enabling hospitals to efficiently manage healthcare data and processes, ensuring optimal management, patient care, and enhanced security.

Graduate Coursework: Software Foundations, Algorithms, Data Structure, Introduction to Artificial Intelligence, Computational Theory, Number Theory, Databases.

Professional Experience

Trainee | Route Academy | For 9 Months

- Hands-on experience in computer science principles and methodologies.
- Implementation of various projects to apply theoretical knowledge in practical scenarios.
- Development of skills in programming, debugging, and software development.
- Learning and utilization of different tools and technologies relevant to computer science.
- Collaboration with peers on team projects, enhancing teamwork and communication abilities.

Projects

E-Commerce Project(Node.js)

- Utilized Express.js and Mongoose with advanced hooks and operators to build a robust backend, enabling efficient MongoDB interactions.
- Integrated advanced features like pagination, filtering, sorting, and search in API endpoints, enhancing the user experience and making data management more efficient.
- Implemented RESTful APIs to handle CRUD operations for products, users, and orders, ensuring efficient data management and communication between the frontend and backend.
- Implemented an image upload feature for categories, subcategories, brands, and products.

Book and Author Management System(Node.js)

- A CRUD app using Node.js, Express, and Mongoose for managing books and authors.
- Provides full support for pagination and search functionalities.
- Allows creating, reading, updating, and deleting books and authors easily.
- Provides an intuitive and user-friendly interface for data management.

Patient Management System (Node.js)

- Error handling middleware and validation to ensure robust and secure data processing.
- Implemented comprehensive CRUD operations for managing users, doctors, patients, and appointments with proper handling of dates.

- Enhanced user experience with advanced API features, including dynamic data management, filtering, and sorting, supporting efficient data retrieval and presentation.
- Dynamic adding the appointment to the doctors and dynamic removing of appointments that expired.

Saraha Application(Node.js)

- Manages users and messages with Node.js, Express, and MongoDB.
- Includes registration, login, OTP verification, and JWT protection.
- Supports CRUD operations for messages with bcrypt, JWT, and Nodemailer.

Technical Skills

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|-------------------------|------------------------|
| • Software Development. | • Database Management. |
| • SQL/MySQL. | • NestJS. |
| • JavaScript advanced. | • MongoDB. |
| • Node.js. | • Mongoose. |
| • TypeScript | • Systems Analysis. |

Soft Skills

- Effective Communication.
- Creative Solutions.
- Time Management.
- Planning and Organizing.
- Teamwork.

Languages

- Arabic.
- English.