

# mohammed medhat

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## SUMMARY

Backend Developer with a year's experience in developing and maintaining web applications. Excellent understanding of database technologies such as MySQL and MongoDB. Proven experience in coding in multiple languages like Javascript, Java and Python.

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## EXPERIENCE

### Backend Developer

Freelance

December 2022 - Present, Mansoura, Daqahlia

- Developed server-side applications using Node.js, Express.js, and MongoDB to enhance the scalability, security.

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## PROJECTS

### E-commerce - Backend Developer

Freelance • <https://github.com/MOHAMMED1MEDHAT/syramic-business-E-commerce-app>

• August 2023 - September 2023

- Developed a dynamic e-commerce platform with personalized shopping experiences.
- Implemented REST API for seamless user interaction and utilized WebSockets for real-time updates.
- Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, Paymob API.
- Notable Features:
  - Advanced authentication and authorization mechanisms.
  - User and admin management for enhanced security.
  - Intuitive product browsing with user reviews and ratings.
  - Secured payment transactions through a Payment Gateway (Paymob).

### Skill-Sync - Backend Developer

IEEE-Competition • <https://github.com/Skill-Sync/SkillSync-Backend> • August 2023 - September 2023

- Contributed to a mobile app providing peer-to-peer learning experiences.
- Implemented REST API for smooth user interactions and integrated WebSockets for real-time features.
- Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT.
- Key Features:
  - Robust authentication and authorization system.
  - User and admin management for controlled access.
  - Scheduled live sessions with a real-time matching system.

### Learny - Backend Developer

Freelance • <https://github.com/MOHAMMED1MEDHAT/learny-E-learning> • June 2023 - August 2023

- Engineered a comprehensive e-learning web application.
- Leveraged REST API for a seamless user experience, integrating WebSockets for real-time features.
- Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, Paymob API.
- Highlights:
  - Advanced authentication and authorization system.
  - Video browsing and course management.
  - Online tests and automated certificate creation.

### Natours - Backend Developer

Project-Course • <https://github.com/MOHAMMED1MEDHAT/Natours> • January 2023 - July 2023

- Developed a visually stunning tours web application.
- Utilized REST API for a smooth user experience.
- Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, Stripe API, Socket.io, Cloudinary.
- Special Features:
  - Advanced authentication and authorization system.
  - User, admin, and tour guide management.
  - Tours reservation and management.

## Clinicky – Backend Developer

1st-place in FCIS mansoura university SW competition

- <https://github.com/MOHAMMED1MEDHAT/Clinicky-SW-project> • December 2022 – May 2023
- Contributed to a mobile app facilitating clinic reservations.
- Employed REST API for a seamless user experience.
- Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, Stripe API, Socket.io, Cloudinary.
- Key Aspects:
  - Advanced authentication and authorization system.
  - Dates reservation and patient/doctor profile management.
  - Clinic creation, modification, and rating/reviews system

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## EDUCATION

### Bachelor of Computer Science And Information Technology

Minor in Computer Science • University of Mansoura ,Daqahlia • Egypt • 2024 • 3.5

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## CERTIFICATIONS

### Developing Back-End Apps with Node.js and Express

coursera • 2023

### Java Programming: Solving Problems with Software (with Honors)

Coursera • 2023

### Udacity professional Front-End web Development

Udacity • 2022

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## SKILLS

- Node.js, Express, MongoDB
- RESTful API, Authentication & Authorization
- Server-side Coding, Data Security & Protection
- Code Optimization & Reusability, Version Control (Git)
- OOP/Functional Programming, Database Administration
- Automation/Scripting, Test Driven Development
- Agile/Scrum Methodology, Third-Party API Integration
- Problem Solving and Critical Thinking, Attention to Detail
- Collaboration and Teamwork, Communication and Interpersonal Skills
- Time Management and Prioritization, Adaptability and Flexibility
- Analytical Thinking, Creativity and Innovation
- Self-Motivation and Initiative, Continuous Learning and Improvement