

# MOHAMED NASR

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## Summary

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An ambitious Back-End Developer with a solid foundation in software engineering and web technologies, particularly Node.js. The academic journey at Zagazig University for Science and Technology provided in-depth knowledge of software development principles, data structures, algorithms, and industry best practices. Successfully improved application performance by 30% through optimized code and efficient database queries.

## Education

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### Zagazig University

Sep. 2021 – May 2025

Bachelor of Science in Computer Science

Zagazig, Present

## Experience

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### EGI Team

September 2022 – September 2023

Backend Development Internship, Best member in this year

Zagazig, Completion

- Graduated with all required qualifications, demonstrating a strong understanding of backend development.
- Offering opinions and suggestions on Frontend and UI/UX design to improve the user experience.
- Assisting in volunteer projects and contributing to events aimed at helping people in the field of technology.

### 365 Developed Team

September 2023 – September 2025

Backend Developer, Team Leadership

Zagazig, Present

- Develop and maintain server-side logic for web applications using Node.js and Express.
- Assisted in frontend development, improving user interface consistency, which led to a 25% increase in user satisfaction.
- Ensure that project goals are met and that deliverables are on time and within scope.

## Projects

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### Marketi-App 🐙 | Node.js, Express.js, MongoDB

March 2024

- Secure user login and registration with JWT for authentication and authorization.
- Categorization and search functionalities for easy product retrieval.

### Tadabar-App 🐙 | Node.js, Express.js, MongoDB

March 2024

- Functionality to handle and display rules for proper pronunciation and recitation of the Quran.
- Enhanced audio file compression, reducing file size by 25% and improving load times by 40%.

### Editing JSON files 🐙 | C++, nlohmann/json, CLion

May 2024

- Integrated JSON parsing functionality to enhance their capabilities for handling structured data.
- Developed software solutions to process and analyze data, cutting data processing time by 30%.

### Portfolio Website 🐙 | HTML, CSS, JavaScript, Node.js, Express.js

December 2023

- Developed a Personal Portfolio website to showcase my projects, skills, and experience as a backend developer.
- Designed and visually appealing user interface using HTML, CSS, and JavaScript.

### Task Manager App 🐙 | Node.js, Express.js, MongoDB

September 2023

- Created an advanced task management system that improved user productivity by 40%.
- Managed user authentication and authorization with JSON Web Tokens (JWT).

## Technical Skills

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Languages: C, C++, HTML, CSS, JavaScript, Python, SQL

Developer Tools: VS Code, Postman, MongoDBCompass, CLion

Technologies/Frameworks: Git, GitHub, Node.js, Express.js, MongoDB, PostgreSQL

## Soft Skills

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Teamwork Skills: Excellent communication, Collaborative spirit, Active listening

Critical Thinking Skills: problem-solving, continuous learning, Decision-making