Marko Sami

Backend Engineer

✉ markosami.dev@gmail.com 📞 +201025438652 📍 Cairo, Egypt in LinkedIn

○ Github HackeRank

EDUCATION

Bachelor's degree in Computer Science, Ain Shams University   2021 – 2025
Cumulative GPA: 3.0965   (Expected)

PROFESSIONAL EXPERIENCE

NestJs Backend Developer at RiskRice   12/2024 – present
                                                                         Cairo, Egypt
- Built backend services for e-commerce and social apps using NestJS, Prisma, and PostgreSQL.
- Implemented REST APIs and real-time features with WebSockets.
- Optimized database interactions and ensured system performance and scalability.
- Collaborated with my team to deliver high-quality, tested, and efficient solutions.

PROJECTS

CodeHorizon - Problem solving platform ⧉   08/2024 – 09/2024
A coding challenge platform allowing users to solve problems, submit solutions, and track progress.
- **Backend**: Node.js handles submissions, problem management, and user operations.
- **Message Queue**: RabbitMQ manages asynchronous solution execution.
- **Database**: PostgreSQL stores user info, problems, and submissions.
- **Containerization**: Docker ensures scalable deployment, and Code running isolation.

Blazing - Ecommerce ⧉   05/2024
- Built a robust e-commerce platform using **React.js**, **Node.js**, **Express**, and **MongoDB**.
- Created a seamless shopping experience with an intuitive user interface and secure authentication.
- Developed advanced cart management with real-time updates and integrated multiple payment gateways.
- Implemented responsive design for accessibility across devices and optimized site performance for faster load times.

Decorate My Tree ⧉   12/2023
- Developed the Christmas Tree Viewer project using the **MERN** stack
  (**MongoDB, Express, React, Node.js**).
- Enabled users to create and view Christmas trees and messages
  year-round.
- Provided a unique and enjoyable platform to engage in the
  Christmas spirit anytime.

ScreenMates ⧉   08/2023
- Developed a cutting-edge platform using the **MERN** stack
  (**MongoDB**, **Express.js**, **React.js**, **Node.js**).
- Enabled real-time watch parties with synchronized video playback.
- Integrated live chat and social media interactions for enhanced user
  engagement.
- Provided a space for users to connect and make new friends within
  the platform.

SKILLS

Programming languages & Technologies   **Soft Skills**

JavaScript   SQL   Teamwork
Typescript   Oracle   Communication
HTML   MySQL   Leadership
CSS   C++   Creativity
NodeJs   .Net core   Self-motivation
Express   Postgres
MongoDB
NestJs
Python
MSSQL

Languages

Arabic - Native Speaker
English - Very Good

AWARDS

Egyptian game development contest(EGDC) 2nd place   11/2022
EGDC is a leading contest in Egypt, recognizing outstanding talent in
game development. It serves as a platform for showcasing creativity
and fostering growth in the local gaming industry.

FCIS Structured programming contest 5th place   07/2022
The FCIS Structured Programming Contest, organized by the Faculty of
Computers and Information Sciences, is a challenging arena for
students to showcase their programming and problem-solving abilities.

CERTIFICATES

- HackerRanck advanced SQL ⊠
- Stanford Supervised Machine Learning: Regression and Classification ⊠
- Google Introduction to Generative AI ⊠
- HackerRank Intermediate Javascript ⊠
- IBM Machine Learning with Python ⊠
- IBM SQL and Relational Databases 101