Ahmed Hossam

Junior Software Engineer

📞 +201115744373 ✉ ahmedhossam9226@gmail.com ⭘ Github 🔗 LinkedIn

EDUCATION

Faculty of Computer and Artificial intelligence, Benha Benha, Egypt
Bachelor of Science in Computer Science, Cumulative GPA: 3.33/4.0

EXPERIENCE

Back-end Developer, *LeapTech* 02-2024 – 05-2024 │ remote
- Design and develop the API of LeapTech e-commerce mobile application:
  - Refactored legacy code to improve readability, maintainability, and overall performance..
  - Two-factor authentication (2FA) using OTP and Gmail and add forget and reset password functionality using Gmail
  - Enhanced application performance by optimizing back-end code and implementing efficient algorithms.
  - Reduced server load and improved response times by designing scalable database structures..
  - Collaborated with front-end developers for seamless integration of user interfaces with back-end systems.
  - Add validation Layer using express-validator.
  - Enhanced the Auth by using two tokens, access and refresh token with redis

PROJECTS

Fahm-blog-website-API 🔗
- Creating the users, posts, comments, and categories models with Mongoose ORM
- Building APIs using Expressjs, and routes for CRUD operations on the users, posts, comments, and categories
- Developing middlewares for Auth, isAdmin, isBlocked, isSuspend, hidePosts from blocked users and error handling middlewares
- Register and log the user in with JWT and save the JWT in the cookie to keep the user logged in for a period of time
- Forget and reset password functionality using Gmail and speakeasy
- Each user has a role that gives them more functionality or restricts routes for them
- Add security practices to protect the API

Job-website-API 🔗
- Creating the user and job model with Mongoose ORM, setting MongoDB Locally.
- Building APIs using Expressjs, and routes for CRUD operations on the Jobs
- Register and login user with JWT
- Developing middlewares for Auth, isAdmin, and Error handling
- Add security practices to protect the API

SKILLS

- Programming Languages: Python, JavaScript, Bash, HTML, CSS, Typescript, SQL

- Technologies: Nodejs, Express.js, Mongoose, Prisma and React

- Database: MongoDB, Postgresql, Redis

- Tools: GitHub (Git - Source Control), Postman, VSCode, Jira, Swagger

- API Design and Development

- Soft Skills: Presentation Skills, Communication, Teamwork, problem-solving, brainstorming

LANGUAGES

- English - Arabic