ROZAN MAGDY | MERN Stack Developer

mailto:rozanmagdy1@email.com   Github: https://github.com/rozanmagdy1

Phone: +20 1030166199   Address: Alexandria Egypt

LinkedIn: https://www.linkedin.com/in/rozan-magdy-701b38215/

SUMMARY

Have good skills at MERN Stack techniques with 2+ years of experience developing and implementing web applications. Proficient in MongoDB, ExpressJS, ReactJS, and NodeJS. Strong ability to work collaboratively and meet tight deadlines. Completed +10 MERN stack projects. Ability to work individually and in a team. Ability to be team leader in projects.

EDUCATION

- Bachelor of Computers and Data Science | 2023 Alexandria University, Egypt.
- Graduated with CGPA 3.8 and eighth in my program.

SKILLS

- MERN stack (MongoDB, ExpressJS, ReactJS, and NodeJS).
- JavaScript, HTML, CSS, PugJs, SCSS, Bootstrap and Tailwind.
- Redux and GraphQL.
- PostgreSQL and Mongoose.
- Git and Github.
- Unit testing using Jest.
- Java.
- Python and Flask framework.
- Problem Solving and Decision Making.
- Object Oriented Programming and Design patterns.
- Leadership, Management, Communication, Adaptability and Time Management.
- Data Structure and Algorithms.
- UML (Unified Modeling Language).
- Agile/Scrum methodologies.

LANGUAGES   Arabic (native)   English (fluent)

WORK EXPERIENCE

Sprints Company Full Stack Developer | 2020 – 2021
- Develop and maintain web applications using the MERN stack. Write clean, reusable, and scalable code.

Upwork Freelance MERN Stack Developer | 2023 – Present
- Work with clients to develop and implement web applications using the MERN stack. resulting in a 30% increase in user engagement.

Hacker Rank Campus Club | 2022
- participated in this Campus IT community.

BEDO organization | 2023
- participated in a workshop that our college organized with BEDO company.

PROJECTS

Fingerprint Detection System (Graduation Project)
- This software was developed to focus on criminal laboratory institutions. When crimes occur, the expert put the fingerprint on a tap and waits for another expert to identify this fingerprint. Our system can only take the image of a fingerprint and will match it with the database to get the owner of a fingerprint, if not match with any person in our database the software also can predict some information about the owner like gender, hand, and finger position. This software will help governments 100% in their works with crimes.
- The technique used for matching is called SIFT Algorithm (computer vision technique) and for estimating information about fingerprint we used 3 deep learning CNN models. For the application the RESTful APIs developed using Node.js and Express.js. The database was developed using MongoDB. The frontend was developed using ReactJS. And the connection between Python and Node.js using Child process.
- Participated in 50% in that project. whole the project was deployed to Vercel.

Blood Donation Application
- participated in 50% of this project in developing RESTful APIs using Node.js and Express.js. Created and maintained a database using Mongoose. Deployed the application to Vercel.
- This application is serverless and real-time contains a chat app, web Sockets, and contain Sendinblue mailer service. This app focuses on helping people that needs donations immediately.

E-Commerce Application
- Developed RESTful APIs using Node.js and Express.js. And developed the database using MongoDB. Deployed the database in Mongo Atlas and the RESTful APIs to Vercel.
- This application is serverless contains an administration panel and has 100% of the functionalities of an online store(CRUD operations). Used in it Sendinblue mailer service.

Chat Application
- Developed by a MERN stack technologies by creating RESTful APIs using Node.js and Express.js. Created database using Mongoose. Created the frontend using ReactJS, Bootstrap and SCSS. Deployed the API and frontend to Vercel. Deployed the database in Mongo Atlas.
- This application is responsive, serverless and real-time which make users able to start chatting and sending messages using socket.io.

Clinic Application
- participated in 50% of this project in developing RESTful APIs using Node.js and Express.js. Created and maintained a database using PostgreSQL. Deployed the API to Vercel. Deployed database to Vercel.
- This application is serverless and handles doctors' schedules and patients' reservations. Sendinblue mailer service used for sending emails. Contains admin panel to help doctors for control the application.

Courses Website
- Fully responsive frontend project created using HTML, CSS, SCSS, Bootstrap and Java Script. This app deployed in Vercel.

CERTIFICATIONS
- Full Stack Web Development Certification | Sprints. | 2022
- Web Development Professional Track Certification | Udacity. | 2022
- Workshop Certification | BEDO. | 2023
- Students Activity Certification | Hacker Rank. | 2022
- Link for all certificates :- https://drive.google.com/drive/folders/1-2tcDSD-x6hrAb1QzxcNhMiDqJ20s6tg?usp=sharing