BASEM MOSTAFA MAHMOUD MOSTAFA

MEAN|MERN DEVELOPER

Nationality: Egyptian
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A Web Developer with practical experience in **JavaScript**, **HTML**, **CSS**, **React.js**, **Express.js**, **Node.js**, **Bootstrap**, **Material UI** & **Redux**.

Portfolio:

- **My Personal Portfolio (Web Project)** (Go To Website) (Go To Codebase)
- **My GitHub Account** (Go To Website)

Training & Internship

- **MEARN Development Intern - Information Technology Institute (ITI)**
  (ITI/AAIB Academy Internship Track)   **(March 2022 – August 2022)**
  - Projects:
    1. **BMDB – Movies Database (Web Project)** (Go To Website) (Go To Codebase):
    - A React app that acts as a movie database to browse through a large dataset of movies
    - The layout is brought to life using React, react-bootstrap, Redux, Redux Thunk, and Context
    - Axios is used to communicate with the external TMDB API
    2. **Medical Appointments Website (Web Project) (Team Project)** (Go To Website) (Go To Codebase):
    - A responsive full-stack web application built with the MERN stack.
    - My responsibilities as a full-stack developer in the team:
      - Design the landing page & "Our Specialists" page wireframes on Figma
      - Implement the doctor's application multi-step form
      - Implement the doctor's booking drawer component
      - Implement authorization/authentication strategy using JWT & http-only cookies
      - Implement a total of 35 endpoints for the 3 roles
      - Implement the API's documentation using Swagger & swagger-express-ui
      - Deploy & maintain both the back end on Heroku and the front on Netlify

- **MEAN stack training - IT Share**   **(August 2019 – November 2019)**
  - Project:
    1. **Czech – English Word Game (Web Project)** (Go To Website) (Go To Codebase):
    - A word game for students of English and Czech to practice their vocabulary, keep track of new words learned and compete with the top 5 players to show off their vocabulary knowledge
    - Built using Vanilla JavaScript, CSS3, HTML, Node.js, Express.js and MongoDB
    - Mongo Atlas cloud (DBaaS) and Heroku (PaaS) were used as the cloud services needed

Education

- **Bachelor of Arts (BA) – Faculty of Al-Alsun, Ain Shams University:**   **(Graduated - 2020)**
  - **Major:** Slavic Languages and Literature, Czech Language division
  - **Minor:** German as a second language
  - **Overall percentage/grade/GPA:** 83.7% / Very Good / 3.35

Courses & Achievements

- Web Development Professional Nanodegree - FWD Egypt Initiative   **(August 2020 – October 2020)**
- JS Algorithms and Data Structures certification – FreeCodeCamp   **(December 2019 – February 2020)**
- 1st place in the Czech creative writing contest – Czech department, the faculty of Al-Alsun   **(March 2019)**

Skills

1. **Front-end**
   - Advanced JS, CSS3, and HTML5 (Experience with building larger applications without frameworks)
   - Proficient in building applications using React.
   - Intermediate experience with building SPAs using Angular.
   - Proficient in Bootstrap and MUI.
   - State management using Redux, Redux Toolkit, and Redux Thunk.
   - Familiarity with Sass and SCSS
   - Experience with Responsive Web Design and the Mobile-First approach
   - Experience in designing and implementing wireframe built on Figma.
2. **Back-end**
   - Proficient in building web servers in Node.js using Express.js
   - Experience with error-handling techniques in Express.js
   - Ability to work with both REST APIs and GraphQL
   - Strong grasp of Backend development concepts (Authentication using sessions and JWT, Authorization, Encryption and Hashing, REST APIs)
3. **Databases**
   - SQL (SQL Server, SSMS) (General knowledge of relational databases and ER diagrams)
   - MongoDB (Mongo CLI, Mongo Atlas, Robo 3t) (General knowledge of non-relational databases)
   - Database design and experience with ERDs
4. **Unit Testing**
   - Unit Testing using JEST, Mocha, and Jasmine
5. **Version Control**
   - Git CLI and GitHub
6. **Agile Knowledge**
   - Jira and general knowledge of workflow tools and platforms
   - Familiarity with the Agile mindset and principles
   - Familiarity with SCRUM as the most popular methodology
7. **Cloud Solutions** (Hosting, setting up custom domains, handling DNS records)
   - Heroku
   - Netlify
   - Cloudinary
8. **Programming Paradigms**
   - Functional Programming
   - Object-Oriented Programming
9. **Operating Systems**
   - Linux (Debian-based distributions)
   - Strong familiarity with both Linux Shell and Windows' Command Prompt

- **Languages**: **Arabic** (Native), **English** (Fluent), **Czech** (Intermediate)