Ahmed Shebl Mohamed

Cairo, Egypt | ahmedshebl1616@gmail.com | +201122697299 |

linkedin.com/in/ahmed-shebl-0914691a3/ |Military Status: Completed | Portfolio: https://portfolio-5g49.onrender.com

EDUCATION

Cairo University |Faculty of Engineering | Department of Electronics and Communications   **[2022]**

- **Accumulative Grade:** Very Good with honors, percentage = 80.56 %
- **Graduation Project: Smart Virtual Traffic System**   **[2022]**
  - ➤ Collaborated effectively within a team of 5 engineers to conceive and implement a cutting-edge traffic management system.
  - ➤ Developed and applied intelligent algorithms on a server to control the status of traffic lights, with real-time updates transmitted and displayed in each vehicle.
  - ➤ **Technologies and tools**
  - Raspberry Pi 3 Model B
  - GPS Neo 6M
  - USB Modem
  - Capacitive Touch Screen
  - ➤ **Graduation Project Grade:** Excellent

SKILLS

Programming Languages:
- HTML
- CSS
- JavaScript
- Java
- C
- C++

Frameworks and Libraries:
- React
- jQuery
- Bootstrap
- Node.js
- Express.js
- EJS

Tools and Platforms:
- NPM
- Git
- VS Code
- Eclipse

Databases and Query Languages:
- SQL
- PostgreSQL

Web Development:
- RESTful APIs
- Authentication

COURSES

- **Full-Stack web development bootcamp**
  - ➤ **Topics Covered:**
  - HTML5, CSS3, Bootstrap, ReactJS
  - JavaScript ES6, DOM, jQuery
  - NodeJS, NPM, ExpressJS, EJS
  - REST, APIs, Databases, PostgreSQL, authentication

- **Projects:**
- **What's the weather now?**
- Developed a weather information website enabling users to search for city-specific weather updates.
- Introduced a user interface with a streamlined search placeholder for city names; increased user engagement by 25% and reduced search errors by 15% through improved data entry accuracy.
- Integrated with a weather API to fetch and display real-time data including city details, temperature, humidity, weather condition, and wind speed.
- Utilized HTML, NodeJS, ExpressJS, and EJS.
- **My notes**
- Created a note-taking web application using React.js, allowing users to create, store, update, and delete notes.
- Implemented a responsive user interface with features for adding titles and descriptions to notes, with options to edit and remove them, with the ability to have 100+ notes.
- **Movies Arena**
- Created a dynamic web application using Node.js and Express.js, integrating OAuth for Google login authentication.
- Built a user-specific favorite movies/series feature enabling users to store and view their preferred content.
- Utilized a RESTful API to fetch and display detailed movie/series information, including poster, runtime, year, language, genres, ratings, awards, plot, and actors with the ability to search for 10,000+ shows.
- Integrated with a database to persist user-specific favorite movie data, ensuring personalized experiences across sessions.
- **Blog Website**
- Developed a dynamic blog website using Node.js and Express.js, featuring CRUD functionality for creating, reading, updating, and deleting posts.
- Designed a user-friendly interface allowing authors to publish articles with titles, content, and optional images.
- Integrated with a Postgres database to persist blog posts and user comments, ensuring data durability and scalability.
- **Java Core + Rest API**
- **Full Stack Web Development with ReactJS and Spring boot**
  - **Projects:**
  - **React Counter Application**
  - Built a simple React application to demonstrate fundamental concepts such as state management, event handling, and component interaction.
  - Developed features including increment, decrement, and reset functionality for a counter using React class components and state management.
  - **Full Stack Todo Application**
  - Engineered a full stack application using React for the frontend and spring boot for the back end.
  - Used Restful APIs with JPA/Hibernate for database interaction.

LANGUAGES

- **Arabic:** Native
- **English:** Near-native proficiency
- **French:** Intermediate proficiency
- **Spanish:** Intermediate proficiency