ALI HELLANI
Full-Stack Web Developer
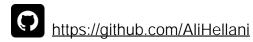
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SUMMARY:

I am a committed professional driven by a passion for continuous learning and staying updated with the latest industry trends. My diverse skill set in web development, including expertise in Spring Boot, Node.js, Hibernate, Express.js, Angular CLI, Angular Material, MSSQL, MySQL, and MongoDB, makes me a valuable asset to any team. I am always eager to expand my knowledge and embrace new challenges. I am excited about the opportunity to contribute to an organization's success, leveraging my skills to drive innovation and growth.

PROJECTS:

1- Banking Web Application
- Completed a full-stack banking application with Java, Spring Boot, Hibernate, and MSSQL.
- Developed a user-friendly frontend with Angular and Bootstrap.
- Features include transaction management, role-based access, API.
- documentation via Swagger, and a statistical dashboard.
- This project showcases my skills in creating secure and efficient applications.

2- Advanced User Management System
- Developed a comprehensive User Management System using Node.js and Express.js, as part of the Backend specialization at Infinite Rift Studio.
- Implemented secure user authentication with JWT and bcrypt, including email verification for account activation.
- Managed role-based access control with distinct permissions for Admin, Moderator, and User roles.
- Integrated MySQL database for efficient data management.
- Enabled file upload and processing with Multer and Sharp, including automatic resizing and renaming.
- Built RESTful APIs for seamless system integration.
- Conducted comprehensive testing using Postman, covering unit and integration tests.

3- E-Commerce Store Web Application

- This is a full-stack e-commerce store application utilizing Express.js for the backend, MSSQL for the database, and HTML, CSS, and JavaScript for the frontend at CodeAlpha.
  - Backend Structure:
- index.js: The main entry point for the backend server.
- controllers: Contains controllers responsible for handling incoming requests.
- repository: Houses repositories for interacting with the database.
- models: Includes database configuration files.
  - Frontend Structure:
- index.html: The main page displaying the product list and navigation bar.
- addProduct.html: A page dedicated to adding new products to the store.
- style.css: The stylesheet defining the layout and design of the frontend pages.
- script.js: JavaScript file for managing dynamic content and interactions on the main page.
- cart.js: JavaScript file for handling the shopping cart functionality

4- Social Media Platform Web Application

- A Full-Stack social media platform developed with Node.js, for the Backend, MSSQL for Database, and HTML, CSS, and vanilla JavaScript for the Frontend at CodeAlpha. This platform allows users to register, log in, create posts, like posts, comment, and manage their profiles.
- Features:
- User Authentication: Secure registration and login.
- Management: Update profile information and picture.
- Post Management: Create, view, like/unlike, and delete posts.
- Comments: Comment on posts and manage your own comments.
- Responsive Design: Mobile-friendly for a seamless user experience.
- Error Handling: Alerts and notifications provide user feedback.
- Data Persistence: MSSQL database ensures data reliability.
- Technologies:
- Frontend: HTML, CSS, JavaScript, Fetch API, Swal2 (SweetAlert2).
- Backend: Node.js, Express.js. Database: MSSQL (Microsoft SQL Server).
- Other Tools: Font Awesome for icons, JWT for authentication.

5- Puzzle Game Web Application

- A web-based platform where users can register, securely log in, and solve custom puzzles created from uploaded images.
- Dive into interactive game play with real-time updates via WebSocket, all while enjoying a responsive design across various devices.
- The Frontend is crafted with HTML, CSS, and JavaScript, while the Backend leverages Node.js, Express.js, and WebSocket for communication, with MSSQL managing the Database.

6- Spring Boot and MongoDB Web Application

- I built an app using Spring Boot and MongoDB. I used Docker to make easy to setup and run.
- the app can Create, Read, Update, Delete data (CRUD operations).
- I used DBRefs and collections relationships in MongoDB, which is like linking related information together.
- I tested the app using Swagger-UI.
- I employed both queries and Mongo Template for efficient data search and organization, and also utilized query method services, thereby implementing two distinct methods for data retrieval.

7- Agenda Academy Web Application

- Developed a web application for the Agenda Academy education institute using HTML, CSS, JavaScript and PHP.
- It allows an easy educational experience for students from KG1 to Grade 9.
- The application features an integrated agenda module for students and a registration system.
- Additionally, the application includes a dynamic course management system, offering a diverse range of courses across various domains.

CERTIFICATES:

- From Coursera:
    1- Introduction to Web Development with HTML, CSS, JavaScript.
    2- Developing Backend with Node.js and Express.
- From AliBou Coding:
    1- Full-Stack Developer with Spring Boot and Angular.
    2- Spring Boot Security with JSON Web Token (JWT).
    3- Angular Course.

EDUCATION:

- 2020 - 2021: License in Programming from Baalbeck Technical Institute.
- 2015 - 2016: TS2 in Management Information Systems from Sheikh Muhamad Yaqoub
  Institute.

SKILLS:

- **Programming Languages:** Java, JavaScript, TypeScript.
- **Web Development:** HTML5, CSS, Responsive Web Design.
- **Frameworks & Libraries:** Spring Boot, Angular CLI, Angular Material, Express.js, Node.js, Bootstrap.
- **Databases:** JPA, Hibernate, MSSQL, MYSQL, MongoDB.
- **Tools & Technologies:** IntelliJ, Visual Studio Code, Docker, GitHub, Version Control (Git).

STRENGTHS:

- **Problem Solving and Attention to Details:**
    1. The ability to analyze and solve complex problems, and to develop and implement effective solutions.
    2. The ability to write clean, well-organized code and to ensure that all elements of a website or application function as intended.
- **Communication skills:**
    1. The ability to communicate effectively with both technical and non-technical stakeholders, and to explain technical concepts in a clear and concise manner.

LANGUAGES:

- **English:** Very Good in writing, reading and speaking.
- **French:** Good.
- **Arabic:** Native Language.