

MOHAMED ALI

WEB DEVELOPER



CONTACT

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<https://devma.uk>

NATIONALITY

British - Egyptian

EDUCATION

Bachelor degree of Information Systems - University of Alexandria

MODULES

- Computer Science
- Information Systems
- System Analysis and Design
- Network Infrastructure
- Software Engineering
- Financial Accounting
- Business Management
- Economics & Statistics

RECENT PROJECTS

- Full Stack modern workplace
- Full Stack E-Commerce Project
- Full Stack Blog Project
- Full Stack Chat Project
- Full Stack Booking Project
- Full Stack Notes Project
- React Restaurant Project
- Admin Dashboard Project
- React Movie List Project
- Google Calendar Events Project
- Product Data Scraper API Project

CERTIFICATES

- HTML - CSS - JavaScript - TypeScript
- Java Programming Software Engineering
- Python Fundamentals [Google]
- Full-Stack Web Development [MERN-Stack]
- SQL - Django Databases [IBM]
- AWS Amazon Building Containerised Applications
- iOS Swift Programming
- Software Security
- React Frontend Web Developer

TECHNOLOGIES

Generic Computer Science Knowledge - Good Grasp of [Algorithms - DataStructure - Database - Frontend/Backend Development - UI/UX - Libraries - React - Angular - HTML - CSS/SCSS - JavaScript - TypeScript - APIs - NodeJS - ExpressJS MongoDB - SQL - AWS Cloud - Java Software Engineering - WordPress - MERN Stack - IOS Applications]

WORK PROFILE

Positivity - Self-motivated - Confidence - Creativity - Initiative - Dynamic - Team player - proactive Adaptability - Ability to work under pressure - Communication - Quick Learner of new skills

EMPLOYMENT HISTORY

Web Developer at Modern Workplace [2020] - [Current]
Stock Controller at HERMES [2019] - [2020]
Stock Controller at GUCCI [2017] - [2019]
Stock Controller at YVES SAINT LAURENT [2014] - [2017]
Stock Controller at GIORGIO ARMANI [2013] - [2014]
Logistic Operator at Cargo Egy [2010] - [2013]

Innovative Web Developer Possessing a keen understanding of user needs to fulfil various requirements. Skilled in overseeing projects from initial ideation to deployment, ensuring scalability and efficiency at every phase.

PERSONAL INTERESTS

Scuba diving, Reading, Learning new Tech, Building APIs, Travelling, Outing with friends, Dog shelters activities

JOB INTEREST

[Frontend Web Development]

Job Responsibilities:

- Collaborated closely with cross-functional teams to gather and define project requirements, ensuring a comprehensive understanding of design, functionality, and user experience goals in the context of MERN (MongoDB, Express.js, React, Node.js) stack.
- Translated UI/UX designs and wireframes into responsive, high-performance frontend code using JavaScript - React with CSS, with a strong focus on React, adhering to best practices and web standards.
- Developed and maintained user-friendly interfaces in React, implementing interactive elements and animations to enhance user engagement and overall website usability.
- Utilized React components, state management (Redux Toolkit), and React hooks to create dynamic and efficient web applications, providing seamless user experiences flow within the MERN stack environment.
- Collaborated with backend developers to design and implement frontend components that seamlessly interfaced with server-side RESTful APIs provided by the Node.js and Express.js backend, ensuring efficient data exchange and proper application functionality with best performance.
- Conducted rigorous testing and debugging of the React components and frontend functionality, optimizing the MERN stack frontend to ensure consistent functionality and visual appeal across various browsers and devices.
- Actively participated in code reviews within the team, offering constructive feedback and incorporating suggestions to improve React code quality, maintainability, and performance within the MERN stack context.
- Collaborated closely with UI/UX designers to provide insights into the technical feasibility of designs, ensuring alignment between the design vision and frontend React implementation within the MERN stack.
- Optimized website performance within the MERN stack by identifying and resolving bottlenecks, optimizing state management with Redux Toolkit, and implementing techniques to optimize Expensive Renders, over loading requests and code splitting in the React components.
- Stayed updated with emerging React and frontend technologies, trends, and best practices, recommending and implementing innovative solutions to enhance the company's digital presence within the MERN stack environment.
- Assisted in the design and implementation of tests within the React applications of the MERN stack, analyzing user behavior and optimizing website features for improved conversion rates and user satisfaction.
- Troubleshoot and resolved frontend-related issues reported by users, providing timely and effective solutions to maintain a positive user experience within the MERN stack applications.
- Actively participated in sprint planning and agile development processes, consistently delivering high-quality React-based frontend solutions within the MERN stack context and established timelines.

Key Achievements:

- Successfully contributed to the launch of [Modern Workplace Project], a responsive web application built using the MERN stack, which increased team engagement by 40% within the first quarter after deployment.
- Led the frontend development efforts for the company's website redesign using React within the MERN stack, resulting in a modernized interface and a 20% decrease in bounce rates.
- Implemented a caching strategy within React applications of the MERN stack that reduced page load times by an average of 30%, significantly enhancing user satisfaction and SEO rankings.
- Played a pivotal role in the development of a reusable React component library within the MERN stack, accelerating frontend development across multiple projects and ensuring design consistency.
- Developed and maintained clean, modular, and efficient codebase following MERN Stack best practices, ensuring scalability and ease of maintenance.
- Designed and implemented scalable architectures for web applications, enabling seamless handling of increasing user traffic and data volume.
- Implemented robust security measures, including data encryption, input validation, and authentication mechanisms, to safeguard user data and prevent security vulnerabilities.

CERTIFICATES

Duke University

Oct 19, 2022

Mohamed Ali
has successfully completed with honors

Programming Foundations with JavaScript, HTML and CSS

an online non-credit course authorized by Duke University and offered through Coursera

COURSE CERTIFICATE

3 Courses

coursea

Verify at <https://coursera.org/specializations/TWYHNE8518>
Coursera has certified the identity of this individual and their participation in the course.

coursea

Duke University

Jan 22, 2022

Mohamed Ali
has successfully completed the online, non-credit Specialization

Java Programming and Software Engineering Fundamentals

This Specialization covers the fundamentals of software development, focusing on a beginner-level introduction to rigorous problem-solving approaches while still embracing and extending traditional methods of computer science and software engineering. You'll explore foundational concepts such as algorithm development, data representation, and debugging, using common tools such as HTML/CSS, JavaScript, and Java. In the final Capstone Project, you'll apply the skills you learned by creating a working recommender system that can help users find and choose items, such as films, books, or restaurants. Google has contributed real-world projects and the involvement of its engineers as guest lecturers to these courses.

Verify at <https://coursera.org/specializations/TWYHNE8518>

coursea

Mar 24, 2022

Mohamed Ali
has successfully completed the online, non-credit Specialization

Full-Stack Web Development with React

In this specialization you learnt to (1) Design a full-fledged Web client application using Bootstrap 4 and React, (2) Design a hybrid mobile application using React Native, and (3) Develop server-side support for the web application using Node.js, ExpressJS together with database support using MongoDB.

Verify at <https://coursera.org/specializations/1242493728>

IBM

Feb 14, 2022

Mohamed Ali
has successfully completed

Developing Applications with SQL, Databases, and Django

an online non-credit course authorized by IBM and offered through Coursera

Yan Luo

Verify at <https://coursera.org/specializations/1242493728>

Google

May 11, 2022

Mohamed Ali
has successfully completed

Crash Course on Python

an online non-credit course authorized by Google and offered through Coursera

Google

Verify at <https://coursera.org/specializations/1242493728>

aws

Apr 16, 2022

Mohamed Ali
has successfully completed

Building Containerized Applications on AWS

an online non-credit course authorized by Amazon Web Services and offered through Coursera

Verify at <https://coursera.org/specializations/1242493728>

UNIVERSITY OF MARYLAND

Feb 19, 2022

Mohamed Ali
has successfully completed

Software Security

an online non-credit course authorized by University of Maryland, College Park and offered through Coursera

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Verify at <https://coursera.org/specializations/1242493728>

coursea

UNIVERSITY OF TORONTO

Apr 14, 2022

Mohamed Ali
has successfully completed the online, non-credit Specialization

iOS App Development with Swift

Master Swift, design elegant interactions, and create a fully-functioning iOS app. This Specialization covered the fundamentals of iOS application development in the Swift programming language. Participants learned to use development tools such as Xcode, designed interface and interactions and evaluate their usability and integrated camera, photo, and location information to enhance their app. In the final Capstone Project, successful candidates applied their skills to create a fully-functioning photo-collage app for iPhone, iPad and Apple Watch.

Verify at <https://coursera.org/specializations/1242493728>