

Ahmed Ibrahim

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MERN Stack Web developer

As a seasoned MERN Stack Web Developer with over 5 years of experience, I have successfully delivered high-quality, scalable web applications for leading companies in the tech and automotive industries. My expertise spans across MongoDB, Express.js, React.js, and Node.js, allowing me to develop end-to-end solutions that drive business growth and user engagement.

I have a proven track record of optimizing server response times by 35% and increasing data processing speed by 50% through efficient coding practices and advanced Mongoose queries. My experience includes working with JWT/Cookie authentication, API security measures such as NoSQL injection prevention and XSS protection, and implementing comprehensive API documentation and deployment strategies.

At Decentrify company , I spearheaded the development of a bootcamp directory app that enhanced user experience and security, resulting in a 90% increase in user retention. My core skills include developing RESTful APIs, utilizing Express & Mongoose middleware for seamless functionality, and employing DevOps practices to ensure robust and reliable application deployment.

Passionate about staying current with industry trends, I have also integrated modern technologies like GraphQL and containerization into my projects, showcasing my ability to adapt and innovate in a fast-paced environment. My commitment to excellence and continuous improvement makes me a valuable asset to any development team.

WORK EXPERIENCE

Dcentrify

01/2023 - Present

Node js Back End developer

Lebanon · Remote

- As a NodeJS Backend Developer, I have developed and maintained high-performance server-side applications using Node.js and Express. My expertise includes API design, database management, and seamless integration with front-end technologies.
- Backend Development and API Design: Created robust RESTful APIs, ensuring high performance and responsiveness.
- Database Management: Managed MongoDB databases, optimizing queries and storage. Migrated and replicated databases to ensure data consistency.
- Testing and Quality Assurance: Used Postman for API testing, creating comprehensive test suites to ensure reliability. Implemented automated testing to streamline development.
- Front-end Collaboration: Worked closely with React.js developers, enhancing communication and productivity. Assisted in debugging and ensuring smooth API integration.
- Deployment and DevOps: Deployed applications to AWS EC2, Docker, ensuring reliable and scalable infrastructure. automate deployments and reduce downtime.

SKILLS

Node Js backend

- aws ec2
- ci/cd
- express js
- mongo db
- node js
- REST API
- Testing
- Web Technologies

React Js Front End developer

- ant design
- Bootstrap
- MUI
- react js
- redux

EDUCATION

IBM Front-End Developer Professional Certificate in Computer Software Engineering

Coursera
04/2024

Dive deep into HTML, CSS, JavaScript, React, and Bootstrap to build cutting-edge web designs and applications. Learn how to manage project source code effectively using GitHub repositories. Master the art of UI/UX design and interaction to create captivating user experiences. Explore DevOps and Agile practices like CI/CD and Scrum to streamline your development process.

React JS Dev

Zero To Mastery Academy
05/2022

Skills: TypeScript

- Problem-Solving and Optimization: Resolved performance bottlenecks, improving application speed and user experience. Implemented caching strategies and optimized Applications Architecture
- collaborate with developers, providing code reviews and technical support. I fostered a collaborative team environment.
- Automotive Listings Platform: Developed a platform for managing automotive listings with advanced filtering and search capabilities
- API Integration for E-commerce (Similar to Dubizel): Designed and implemented APIs for an e-commerce application, ensuring robust security and data validation.

AVIT - Aviation Information Technology

07/2023 - 06/2024

Web Developer

Egypt · Hybrid

- Develop user interface components and implement them using React.js concepts and workflows.
- Build reusable components and front-end libraries for future use.
- Translate designs and wireframes into high-quality code
- Collaborate with cross-functional teams to define, design, and ship new features.

Career Break

04/2023 - 04/2024

Personal goal pursuit

Riyadh, Riyadh

- Building E-commerce (www.deccoric.com) Business integrated with Taager(www.taager.com) with WordPress ,customize theme and suitable plugins ,
- create online campaigns in different channels like TikTok Ads, Snapchat Ads, FB & Instagram Ads
- Building SEO for website pages & and products connected with Google analysis and Google Console
- create Google ads campaigns

PanExcel

02/2021 - 04/2023

Node js backend devleopr · Part-time

Saudi Arabia · Remote

- Implemented API endpoints for the Admin Dashboard developed with Node js ,Express js ,Mongo DB for an application called the Online Doctor.
- Collaborated with cross-functional teams to deliver high-quality solutions aligned with project requirements and deadlines.
- Utilized modern development tools and frameworks to streamline development processes and enhance productivity.
- Implement CI/CD process for the projects

Ekhlil

02/2020 - 02/2021

Node js back end developer · Part-time

Saudi Arabia · Remote

- Developed RESTful APIs and server-side applications using Node.js, Express.js, and MongoDB for mobile application back ends for ecommerce platforms.
- Documented APIs using Swagger to ensure clarity and ease of integration for frontend and mobile application developers.
- Participated in weekly meetings to discuss daily tasks, progress

AVIT - Aviation Information Technology

01/2017 - 05/2020

Technical Support Engineer

الجيزة, Egypt

- Research and identify solutions to software and hardware issues

Online course in React Js Dev

Code With Mosh

01/2022

Skills: Node.js

React JS + Node Js udemy courses in Computer Software Engineering

Academind

GPA: React Js Developer + MERN Stack Web Development 02/2021

Skills: React.js · Express.js · MongoDB · node js · Redux.js

Bachelor's degree in Electronics and Communication Engineering

El Shorouk Academy

GPA: Master

01/2007 - 12/2012

Five years college program that focus on the conceptualization, design, and development of electronic, computer and communication products, systems, services and processes.

- Diagnose and troubleshoot technical issues, including account setup and network configuration
- Ask customers targeted questions to quickly understand the root of the problem
- Track computer system issues through to resolution, within agreed time limits Talk clients through a series of actions, either via phone, email or chat, until they've solved a technical issue

Egyptsat Telecom

01/2012 - 12/2017

Satellite Network engineer

Cairo Governorate, Egypt

- Responsible for designing programs for orbiting satellites. Ensures satellites are functioning properly, creates command systems, and remotely controls satellite activities.

CERTIFICATIONS

Introduction to Software Engineering

IBM

Software Engineering Essentials

Coursera

Getting Started with Front-End and Web Development

IBM

Getting Started with Front-End and Web Development

Coursera

Building RESTful APIs with Node.js and Express

LinkedIn

Learning REST APIs

LinkedIn

Learning MongoDB

LinkedIn

Node.js, Express, MongoDB & More: The Complete Bootcamp 2020

10/2019 - Present

Udemy

Master the Coding Interview: Data Structures + Algorithms

Udemy

Cisco Certified Network Associate Industrial (CCNA I)

05/2015 - 05/2018

Cisco

PROJECTS

Get-Hup Finder(react js project)

01/2020

<https://github.com/ahmedibrahimhassan654/github-finder>

-React Fundamentals (Components, props, state, etc) -React Hooks (useState, useEffect, useContext, useReducer, useRef) in real projects -Context API & App Level State -MERN - MongoDB, Express React, Node -Build a Custom API With JWT Authentication -Redux - Reducers, Actions, etc

DevCode-camp Back end +auth react

12/2019

-Building an extensive back end API with Node.js & Express check post man request API
-Protecting routes/endpoints with JWT (JSON Web Tokens) -Extensive API testing with Postman -Integrating React with back end in an elegant way, creating a great workflow

Natours App-back-End +pug in front end

09/2019

<https://github.com/ahmedibrahimhassan654/natours-backend>

-RESTful API design and development
-Server-side website rendering (HTML) with Pug templates

- CRUD operations with MongoDB database on the Atlas platform (in the cloud) -Using the MVC (Model-View-Controller) architecture
- Complete modern authentication with JWT: user sign up, log in, password reset, secure cookies, etc. -Authorization (user roles)
- Security: best practices, encryption, sanitization, rate limiting, etc
- Advanced error handling workflows

My portfolio

<https://ahmedwebdev.netlify.app/>

My self coded personal portfolio build with React.js