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

Start-Tech   12/2024 - 03/2025

Start Tech is a customer centric tech startup, concentrating on generating results via measurable & effective solutions.

Node Js Backend developer • Full-time   **Remote**

Create server-side logic for chat apps using socket .io with Express.js and Mongo Db
Deploy the app to an Aws ec2 production server with a Pm2 package.
* cooperate with the client-side mobile app developer

Front End Developer (Next js +type script) • Full-time   **Remote**

Customize Next.js with (type-script) admin dashboard with backend rest-api ,
- apply responsive ui design with tailwind
-deploy the app to the production server using the pm2 package

Dcentrify   08/2024 - 01/2025

Node Js Backend Developer (SkyLine Car Rental App) • Part-time   **Remotly**

Apply start-up business logic for renting cars , through building a dynamic , flexible , secure, documented node js backend server with Express Js and Mong DB-Deployed it in Aws ec2 instance

SKILLS

- Agile Methodologies
- Algorithms
- Amazon EC2
- Application Programming Interfaces
- Arabic
- Attention to Detail
- aws ec2
- Back-End Web Development
- Bootstrap
- Cascading Style Sheets (CSS)
- Continuous Integration and Continuous Delivery (CI/CD)
- Data Structures
- E-Commerce
- English
- express js
- Express.js
- Front-end Coding
- front end developer
- Front-end Development
- Front End Engineering Design (FEED)
- Git
- GitHub
- Interpersonal Skills
- java script
- JavaScript
- MERN Stack
- MongoDB
- node js
- Node.js
- NoSQL
- Object-Oriented Programming (OOP)

AVIT - Aviation Information Technology

Web Developer

07/2023 - 06/2024

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.

Dcentrify

Node js Back End developer(Multivendor Ecommerce web App)

01/2023 - 05/2024

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.

Career Break

Personal goal pursuit

04/2023 - 04/2024

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

Node js backend devleopr • Part-time

02/2021 - 04/2023

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

Ekhliil

Node js back end developer • Part-time

02/2020 - 02/2021

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.

- Postman API
- Problem Solving
- Programming
- react js
- React.js
- Redux.js
- Representational State Transfer (REST)
- REST API
- Software Architecture
- Software Development Lifecycle (SDLC)
- Software Systems Engineering
- SQL
- Troubleshooting
- TypeScript
- Web Application Development
- Web Applications
- Web Development
- WordPress
- خدمات ويب مريحة
- قواعد البيانات

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

- 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 **Egypt ,** الجيزة

- Research and identify solutions to software and hardware issues
- 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/githup-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

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

Online course in React Js Dev
Code With Mosh
01/2022
Skills: Node.js

React JS + Node Js udemy cources 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.

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