

## Ahmed Ibrahim

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

### 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

##### Node js Back End developer

01/2023 - Present

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

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**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**

Udemy

10/2019 - Present

**Master the Coding Interview: Data Structures + Algorithms**

Udemy

**Cisco Certified Network Associate Industrial (CCNA I)**

Cisco

05/2015 - 05/2018

## PROJECTS

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**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