Khaled Abdelrahman

Full-stack Web Developer

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Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Skills

Skill	Rating
NOSQL Database (MongoDB)	●●●●● Excellent
Programming Languages (JavaScript. TypeScript.Python)	●●●●○ Very Good
Front-end [Html, Css, Javascript, JSON)	●●●●○ Very Good
Jest and Jasmine unit testing	●●●●○ Very Good
Git & Github	●●●●○ Very Good
Node JS	●●●○○ Good
SQL Database (Postgres)	●●●○○ Good
Cloud with AWS Cloud (dealing with Elastic Beanstalk, S3 bucket, web hosting, create pipeline and scripts)	●●●○○ Good
Web Designer (with Adobe XD,Figma)	●●●○○ Good
Object Oriented programming (OOP)	●●●○○ Good
React.js	●●●●○ Very Good
Dealing with Assembly Language (PIC13f,MIPS)	●●●○○ Good
Java, C++	●●○○○ Average

Work History

Internship

National Telecommunication Institute (NTI), New Village

CCNAv7 Internship

Experience gained from the NTI:

- Provided clerical support, addressing routine and special requirements.
- Produced high-quality communications for internal and enteral use.
- Reported back to instructor to receive day-to-day tasks and responsibilities
- Learn CCNA v7.
- Deal with Routers and Switches.

Backend Web Development

MCIT, Online

Digital Scholarship

Ministry of Communications and Information Technology (MCIT),Egypt fwd, online

Experience Gained from MCIT Scholarship:

Backend Development with Node.js Creating an API with PostgreSQL and the Express Deployment Process

- Understand fundamental tools needed to build basic API in scalable and maintainable way.
- Write Typescript to reduce developing errors. Manage async, await, promises, and error handling with Typescript.
- Developed testing code for web-based applications
- Use Express to build APIs.

Build RESTful JSON API with Node and PostgresSQL:

- Understand essential topics like databases and querying, API architecture, database migrations, REST, CRUD, creating testing environment, password hashing, and route authorization via JWTs.
- Be introduced to what CORS is and when it is necessary.
- Create secure, well-organized API from scratch.
- Organize more advanced business logic in Node API for cleaner code and separation of concerns.

Deployment Process

- Create environment properties in Elastic Beanstalk, Create S3 bucket, and configure it for web hosting.
- Gain necessary knowledge to create your own production environment and automate deployment of code to it.
- Build automated pipeline and scripts.
- Create documentation using markdown files and diagrams

2023-07 – 2023-08

MongoDB - The Complete Developer's Guide 2023

Udemy, Online

In pursuit of enhancing my skills and staying at the forefront of technology, I am currently enrolled in the course "MongoDB - The Complete Developer's Guide 2023" on Udemy. This comprehensive course equips me with:

- In-depth knowledge of MongoDB, a widely-used NoSQL database.
- Practical skills in designing, implementing, and managing MongoDB databases.
- Proficiency in data modeling, querying, indexing, and aggregation using MongoDB.
- Integration insights for utilizing MongoDB with various programming languages and frameworks.

By actively participating in this course, I am:

- Ensuring that I remain up-to-date with the latest trends and best practices in database management.
- Gaining hands-on experience that will greatly benefit my contributions to projects.

I am enthusiastic about applying the insights and skills gained from this course to real-world scenarios. I am confident that it will enhance my ability to contribute effectively to software development projects.

2023-09 – 2023-12

React 18 Tutorial and Projects Course (2023)

Udemy, Online

Portfolio: https://khaled-abdelrahman-portfolio.netlify.app/

Key learnings

- Developed proficiency in React.js for building efficient and scalable user interfaces.
- Acquired hands-on experience with React hooks for state management and component lifecycle.
- Implemented advanced concepts like context API, custom hooks, and Redux for effective state management.
- Gained practical knowledge of React Router 6 and integration with axios for HTTP requests.
- Successfully built a diverse range of projects covering components such as Birthday Reminder, Tours, Reviews, Accordion, and more.
- Applied knowledge in real-world scenarios through projects like E-Commerce, Jobster, and Movies DB.

Education

2019-09 - 2023-05

Bachelor of Computers and Artificial Intelligence

Cairo University - Giza, Egypt

Certifications

2022-08 CCNa v7 certificate from National Telecommunication Institute (NTI)

2022-11 Nanodegree from Ministry of Communications and Information Technology (MCIT)

Languages

Arabic

Excellent

English

Good