

Mohamed Ibrahim

Full Stack Developer | React.js & Node.js

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SUMMARY:

Full Stack Developer with a Bachelor's degree in Computer Science and extensive experience in web development using React.js and Node.js. Proficient in building scalable web applications and designing dynamic user interfaces. Experienced in Python, deep learning, and object detection with YOLO. Committed to continuous learning and innovation, with a strong focus on exploring and applying new technologies in projects.

Core Skills:

- **Front-End Development:** HTML, CSS, Bootstrap, JavaScript, React.js, Wow.js
- **Back-End Development:** Node.js, Express.js, MongoDB, MySQL, Multer
- **Programming Languages:** Python, C++
- **Machine Learning & AI:** Deep Learning, YOLO
- **Tools & Technologies:** Git, Google Maps API
- **Soft Skills:** Problem-Solving, Team Collaboration, Effective Communication

EXPERIENCE & PROJECTS :

Eduford Project ([GitHub](#)), ([repo](#))

- **Technologies:** Html-Css-Bootstrap-Js-wowjs
- **Description:** Developed a responsive web application with dynamic content and interactive features.

Book Store ([GitHub](#)), ([repo](#))

- **Technologies:** Html-Css-Bootstrap-Js-wowjs-email.js
- **Description:** Developed an online bookstore with user sign-in, book browsing, detailed info, and purchasing, featuring an attractive design and excellent user interface.

Graduation Project (YOLO Model) ([GitHub](#))

- **Grade:** A+
- **Technologies:** Python, FastAPI, YOLOv8, Google Translate API
- **Description:** Built a real-time object detection app using YOLOv8, with Arabic translations for class names via Google Translate. Deployed using FastAPI for efficient API handling.

MO Movie ([GitHub](#)), ([repo](#))

- **Technologies:** Next.js- Tailwind CSS
- **Description:** Created a modern movie application with a clean design and real-time data integration.

PC-Store ([GitHub](#)), ([repo](#))

- **Technologies:** React.js
- **Description:** Developed an online computer parts store with user sign-in, product browsing, detailed info, and purchasing, featuring an attractive design and excellent user interface.

E-Commerce ([Drive](#))

- **Technologies:** Node.js -MongoDB- Express.js- MySQL- Multer
- **Description:** Developed a full-featured e-commerce platform with secure user authentication, product management, and payment processing, using Node.js, MongoDB, Express.js, and MySQL.

EDUCATION:

Bachelor of Computer Science | Higher Technological Institute (HTI)

(2020 - May 2024)

- Comprehensive study covering software development, algorithms, data structures, database management, computer architecture, operating systems, networking, and cybersecurity.

COURSES & TRAINING:

Front-End Development Diploma

(June 2022 - October 2022)

- **In :** Route Academy
- **Focus:** Modern front-end technologies, responsive design, user interface optimization, and web performance enhancements.

Back-End Development Diploma

(May 2023 - September 2023)

- **In :** Route Academy
- **Focus:** Server-side development, API design and implementation, database management, and backend architecture.

Summer Internship in Front-End Development

(August 2023 - September 2023)

- **In :** ITI, Egypt
- **Role:** Intern Developer
- **Description:** Worked on developing and optimizing front-end features for web applications, including designing and styling user interfaces, improving performance, and enhancing user experience. Gained hands-on experience with modern web technologies and design tools.

Training & Technical Experience:

Node.js Instructor & Core Team Member

(2023 – 2024)

GDSC Damanhour University

- Delivered Node.js workshops and backend basics
- Introduced REST APIs and backend concepts
- Mentored students during technical sessions

LANGUAGES

- **Arabic** (Native)
- **English** (Fluent)