Esraa Mohamed Ali

Full Stack Developer

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1 Profile

– Designed, developed, and implemented responsive full stack applications using technologies such as Flutter, vue, React, Node.js, PHP, SQL, and MongoDB.
– Built and maintained both frontend and backend systems, ensuring seamless integration and performance across platforms.
– Collaborated with cross-functional teams to plan, coordinate, and administer project timelines, delivering high-quality software solutions.

2 Education

Professional Training Program – ITI 2025
Information Technology Institute – Ministry of Communication, Minya Branch

– **Graduation Project:** Designed and programmed a Smart Traffic Management System using AI techniques.
– Constructed predictive models and implemented computer vision algorithms.
– GitHub Repo

Bachelor of Science in Computer Science (BSc) 2024
Department of IT – Nahda University

– Developed and created a Sign Language Recognition mobile app using VGG19 and Flutter.
– Collaborated with team members to assemble datasets and improve model accuracy.
– GitHub Repo

3 Work / Professional Experience

Flutter Developer (Freelance) 2024
Ma3ak App (E-commerce) (View)

– Developed a Flutter-based e-commerce delivery app.
– Integrated order management and notifications.

Site Coordinator 2024
Elmentor

– Administered site operations and supervised daily activities.
– Arranged and monitored schedules to maximize efficiency.

Backend Developer 2023
NetExperts, Riyadh (Website)

– Developed backend APIs using Node.js and MongoDB.
– Managed database and improved system reliability.

Frontend Developer 2023
GDSC & Agnadin, Egypt

– Created and maintained responsive user interfaces using React, HTML, and CSS.
– Coordinated with backend teams to ensure seamless integration.

C++ Instructor 2023
NahdaCPC, Egypt

– Trained and taught students the fundamentals of C++ programming.
– Facilitated coding workshops and provided individual mentoring.

4 Technical Skills and Training

– **Frontend Technologies:** ReactJS, Angular, VueJS, CSS Frameworks (Bootstrap, Tailwind), Next.js
– **Backend Full Stack Development:** Node.js, Nest.js, PHP (Core, CMSs, Web Frameworks), Python, Ruby, Java, Bash Shell Script
– **Databases Storage:** MySQL, MongoDB
– **DevOps Cloud:** Docker, Cloud Computing Fundamentals, Red Hat System Administration, Apache Web Server
– **Web Services APIs:** RESTful APIs, GraphQL, Web Services, Push and Pull Technologies
– **Version Control Testing:** Git, Version Control Systems, Unit Automated Testing
– **Other Tools Topics:** Open-Source ERP Systems, Application Security Basics, Design Patterns

5 Honors / Awards

– Participated in ECPC 2023 – Reached ECPC-finals.
– Presented project at NASA Space Apps Challenge 2022 – Regional finalist.
– Awarded National stage position in Huawei ICT Competition 2023.

6 Languages

– Arabic: Native
– English: Advanced (Fluent in writing, speaking, and comprehension)

7 Professional Training & Certifications

– **ITI MEARN Stack – One Month (2023):** HTML & CSS, JavaScript (ES6+), TypeScript, MongoDB, React.js.

– **Huawei ICT HCAI (2022) - IoT Cloud Developer 2021 Mastery Award (2021):** Developed applications using IBM Cloud serverless computing, cloud security, operations, and web frameworks.

– **Cisco Certified Network Associate (CCNA) V7 – National Telecommunication Institute (2021):** Network Fundamentals, Network Access IP, Connectivity IP Services, Security Fundamentals, Automation and Programmability.