

# IBRAHIM ADEL Elkerdawy

## FULL-STACK DEVELOPER (MERN)

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Portfolio | 01028089643 | 01028959943

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### **Career Objectives:**

Full-Stack developer with a strong grasp of Node.js, dedicated to building dynamic, user friendly, and high-performance web applications. Developed and optimized 5+ interactive web applications using modern JavaScript frameworks, enhancing user engagement and performance. Committed to continuous learning, problem-solving, and collaboration with cross functional teams to drive business improvements through innovative techniques.

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### **Education:**

Port Said University | Bachelor's Degree in Electronics and Communications Engineering. Program Duration: 2021 – 2026 (Expected). Studying advanced topics in electronics, signal processing, embedded systems, and telecommunications. Gained hands on experience in circuit design, microcontrollers, and networking. Worked on projects related to IoT, wireless communication, and digital signal processing.

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### **Work and Internship Experience:**

- **Internship | Homains (Remote) Nov 2024 – Feb 2025**
  - Developed responsive interfaces for the Lernova project by converting Figma designs into clean code with React.js & Tailwind CSS, Deployed 10+ updates to Homains Git, ensuring seamless UI improvements and bug fixes.
  - Worked in an Agile Scrum environment, participating in sprints and stand-up meetings.
- **Internship | Uneeq Interns (Remote) Sep 2024 – Nov 2024**
  - Developed an LMS Backend using Node.js & Mongo, Authentication, Middleware to handle Authorization and use free cloud (Cloudinary) service to store files.
  - Developed a fully responsive e-commerce website using Laravel, managing 50+ product listings and ensuring secure transactions.
  - Built an authentication system for 100+ users, implementing JWT-based security using React.js & Laravel API, implementing login, registration and profile management.
  - Developed an E-learning website using pure HTML, CSS, and JavaScript, featuring dark mode and interactive animations increasing user retention by 20%.
- **Summer Training | ITI (Information Technology Institute) (Port Said, Egypt) Aug 2024 – Oct 2024**
  - Developed an e-commerce website using Laravel, Bootstrap and built an admin dashboard for managing 100+ products and categories, ensuring efficient content management.
  - Applied security best practices, eliminating potential SQL Injection & XSS vulnerabilities, enhancing site security.

- **Scholarship Program | ALX 12-Month (Remote) Jul 2023 – Nov 2024**

- Developed the frontend for a social media platform using React.js, integrating likes, comments, and search for 1,000+ users, while collaborating with a backend team using Node.js & MongoDB.
- Built the frontend for an E-learning platform using React.js, assisting 200+ students in solving coding challenges, similar to Codeforces, while working with a backend team using Node.js.
- Developed a Simple Shell in C, handling command execution and process management.
- Implemented a custom version of printf() in C (Variadic Functions), handling formatted output without using the standard library function.

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### **Skills:**

Node.js | Express | Mongo DB | React.js | RESTful APIs | MySQL & PostgreSQL | Authentication & Security | Tailwind CSS | Bootstrap | JavaScript (ES6+, Async/Await) | HTML5 | CSS3 | BEM | Data Structures & Algorithms | OOP | Git & GitHub (Version Control) | Agile & Scrum | Linux

**Familiar with:** PHP | Laravel | Computer Networks

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### **Extracurricular Activities:**

- **ECPC Contestant (2023, 2024)** – Participated in the Egyptian Collegiate Programming Contest ECPC for two consecutive years, Solved 50+ algorithmic challenges.
  - **Competitive Programmer** – Solved 400+ problems on Codeforces & LeetCode, boosting problem-solving efficiency.
  - **Problem Setter | ICPC PSU Community** – Designed 5+ original problems for ECPC, 20+ problems for training 500+ ICPC participants.
  - **IEEE Trainee Trainer** – Delivered 50+ training sessions on data structures & algorithms.
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### **Certificates:**

- 12 Month ALX Software Engineering & Web Development Programme – ALX | 2024
  - PHP Web Development – ITI | 2024
  - CCNA (Cisco Certified Network Associate) – Cisco | 2024
  - CCNA Training Certification – NTI (National Telecommunication Institute) | 2024
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### **Courses:**

- CCNA (Cisco Certified Network Associate) – NTI & Cisco | 120 Hours.
  - Git, GitHub, Linux, bash script, C & Python – ALX | 12 Months.
  - Advanced React.js & JavaScript (ES6+, Async/Await) – Self-Learning.
  - Tailwind CSS & Bootstrap & BEM – Self-Learning.
  - Problem Solving with C++ – ICPC PSU Community & Self-Learning | Ongoing.
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### **Additional Information:**

- **Languages:** Arabic (Native), English (Intermediate).
- **Availability:** Open for internships and full-time opportunities.
- **Military Status:** Deferred.
- **References:** Available upon request.