

# ALAAELDIN ALAA ABDULLAH METAWH

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## PROFESSIONAL SUMMARY

Detail-oriented Computer Science student and Front-End Developer specializing in the React ecosystem. Proven ability to engineer high-performance user interfaces and responsive web applications. Expert at translating complex wireframes into reusable, maintainable code while maintaining strict version control standards and optimizing for cross-browser compatibility.

## EDUCATION

**Damietta University (CAI)**  
Bachelor of Science in Computer Science

Damietta, Egypt  
2024 – 2028

## PROFESSIONAL EXPERIENCE

- Digital Egypt Pioneers Initiative (DEPI)** Nov 2025 – Present  
*React Frontend Web Developer Intern*
- Accelerated front-end development speed by 25% through the implementation of reusable React components and modular CSS strategies.
  - Optimized mobile responsiveness for 5+ web modules using Bootstrap and Media Queries, ensuring 100% UI consistency across all devices.
  - Facilitated data-driven application logic by integrating RESTful APIs with Node.js and Express.js backends.
  - Orchestrated collaborative development workflows for 10+ project repositories using Git, reducing merge conflicts by utilizing clean branching strategies.

## TECHNICAL PROJECTS

- To-Do List Web App** | *JavaScript ES6+, CSS3, HTML5* Live Demo
- Engineered a persistent task management system using local storage and optimized DOM manipulation for instantaneous UI updates.
- Calculator Web App** | *JavaScript, Event-Driven Architecture* Live Demo
- Built a high-accuracy arithmetic engine utilizing advanced event listeners to handle complex user input sequences with zero latency.
- Etch-a-Sketch Clone** | *JavaScript DOM Manipulation* Live Demo
- Developed an interactive rendering grid that dynamically generates 256+ cells, optimized for smooth performance during high-frequency mouse events.

## SKILLS

- Developer Stack:** React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Python, Node.js, Express.js.
- Tools & Workflow:** Git, GitHub, Version Control, REST APIs, NPM, VS Code.
- Soft Skills:** Critical Thinking, Leadership, Collaborative Teamwork, Rapid Technical Adaptation.
- Core Competencies:** Data Structures, Algorithmic Problem Solving, UI/UX Principles.

## CERTIFICATIONS & DEVELOPMENT

- Front-End Specialization (HTML & CSS):** MaharaTech – Completed July 2025.
- Python Programming Fundamentals:** MaharaTech – Completed October 2025.

## ACTIVITIES

- Competitive Programmer, ACPC DU Club:** Solved 50+ complex algorithmic problems; active participant in university-level coding contests.

## LANGUAGES

- Arabic (Native)
- English (B2 - Upper Intermediate)