Abdelrahman Ashraf

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Summary

Computer and Systems Engineering student at Helwan University, graduating in July 2028 with distinction (89%). Skilled in JavaScript and React with experience in building responsive, user-friendly web applications. Strong foundation in front-end development, OOP, and software design principles.

Education

Bachelor of Computer and Systems Engineering *Expected Jul 2028*
Helwan University – Faculty of Engineering
Specialization: Software Engineering
Academic standing: Distinction (89%)

Experience

Frontend Intern – Digital Egypt Pioneers Initiative (DEPI) *Jul 2025 – Present*

- Built responsive web interfaces with React and Bootstrap, and Tailwind, improving load times by 25%.
- Developed reusable components, reducing code duplication by 30%.
- Implemented optimized rendering and interactive UI elements, increasing user engagement.

Extra Activities

Mentor – HEFU-CPC (Competitive Programming Community) *2024 – Present*

- Delivered 20+ workshops to 15+ students on algorithms and problem-solving.
- Increased participant accuracy on practice contests by 35% through structured training.
- Supported beginner programmers in applying data structures and algorithms effectively.

Certifications

Sprints x Microsoft Summer Camp – Web Development	Link
Legacy JavaScript Algorithms and Data Structures – freeCodeCamp	Link
Programming with JavaScript – Meta (Coursera)	Link
Supervised Machine Learning: Regression and Classification – DeepLearning.AI	Link

Skills

- **Languages:** JavaScript (ES6+), Python, Java, C++
- **Frameworks/Technologies:** React, Spring Boot, Node.js, Bootstrap, Tailwind CSS
- **Databases:** MongoDB
- **Developer Tools:** Git, GitHub, Postman
- **Concepts:** OOP, SOLID Principles, Design Patterns, REST APIs, Data Structures & Algorithms
- **Soft Skills:** Problem-solving, team collaboration, adaptability, continuous learning

Projects

MovieGo – Movie Discovery App (React) Link

- Built a responsive React app to search and explore movies via TMDB API. state management.
- Optimized API calls and lazy-loaded images, cutting load time by 25%.

Smart City Platform (Java) Link

- Collaborated in a 5-person team to build a desktop app integrating e-commerce, chat, weather, and maps.
- Scaled system to support 100+ concurrent users in testing with Spring Boot and MongoDB.

Supermarket Management System (C++)

- Developed inventory, sales, and employee management with SQLite.
- Reduced manual entry errors by 40% and sped up transactions by 30%.