ABDULRAHMAN HASHIM

COMPUTER ENGINNER

CONTACT

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PROFILE

Computer Engineering student with strong interest in full-stack web development and modern programming practices. Proven experience building web-based tools with JavaScript, HTML, and CSS. Eager to deepen skills in frameworks like React and Node.js and gain real-world development experience.

EDUCATION

University of Mosul – BSc in Computer Engineering
Expected: 2026 | Currently: Third Year

TECHNICAL SKILLS

- **Languages:** C, C++, JS, HTML, CSS, Python
- **Tools:** GitHub, VS Code
- **Networking:** IP addressing, subnetting, DNS/DHCP, VLANs
- **Databases:** Basic knowledge of SQL and database concepts
- **Frameworks & Libraries:** Learning React.js (in progress)
- **Other:** Problem-solving on LeetCode & Codewars, interested in AI and automation

POBLEM SOLVING PROFILES

- LeetCode
- CodeWars
- CodeForces

PROJECTS

Page Replacement Simulator:
Built an interactive web-based tool to visualize memory management algorithms (FCFS, LRU, Optimal) using HTML, CSS, and JavaScript. Users can input page-reference strings and compare algorithm efficiency.

Image Processing Tool (Built with Python):
Created a desktop application that allows users to upload images and apply multiple image processing techniques, including edge detection, smoothing, and compression. Developed using Python and libraries such as OpenCV. Used large language models (LLMs) like ChatGPT and Gemini as coding assistants to streamline development and troubleshoot algorithms.

COURSES

- Beginning C++ Programming: From Beginner to Beyond – Udemy
- English Language, Time Management & Project Planning

LANGUAGES

- Arabic – Native
- English – B2