

Danah El Terek

Full-Stack Developer

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Computer Science graduate and Full-Stack Developer with experience in AI-integrated e-commerce and high-performance C algorithms. Passionate about scalable systems and clean code. Seeking a Full-Stack or Backend role.

EDUCATION

42 Beirut — Level 3 | 42 Common Core Curriculum

Oct 2025 – Present

Lebanese International University | BS in Computer Science

Oct 2022 – Jun 2026

TECHNICAL SKILLS

Languages: C, Python, Java, JavaScript, HTML/CSS

Frameworks & Libraries: React, Node.js, Express, Tailwind CSS, Prisma ORM, Axios, FastAPI, RestAPIs

Databases & Storage: PostgreSQL, Neon, Supabase Storage, MySQL

Tools & Platforms: VS Code, GitHub, Postman, Git, Docker, Vite

Project Management: JIRA, Git flow

SELECTED PROJECTS

Velore — Full-Stack Eyewear E-commerce | React, Node.js, Express, PostgreSQL

Feb 2026 – Jun 2026

- Built a full-stack e-commerce platform end-to-end, handling everything from database schema design to UI, supporting product discovery, cart, checkout, and a loyalty rewards system.
- Developed an AI virtual try-on feature using a FastAPI microservice and MediaPipe, detecting 468 facial landmarks in real time to classify face shape and overlay frames on a live camera feed.
- Implemented a role-based admin dashboard with super-admin and staff-admin tiers, enforcing scoped permissions across product, order, and review-moderation workflows.

push_swap | C, Algorithms, Data Structures

Feb 2026

- Implemented optimized stack-based sorting algorithms in C under strict operation-count constraints.
- Reduced operation count using pivot selection, chunking strategies, and special-case optimizations.
- Built modular validation and error handling to ensure correctness and performance across edge cases.

get_next_line | C, Memory Management, File I/O

Dec 2025

- Developed an efficient function to read lines from file descriptors, supporting multiple descriptors simultaneously.
- Managed dynamic memory allocation and buffers to prevent leaks and handle large or variable inputs.

PROFESSIONAL EXPERIENCE

Lebanese International University — Executive Assistant to the Dean

Mar 2025 – Jun 2026

Tripoli, Lebanon

- Coordinated cross-departmental workflows and executive scheduling for the Dean's office, managing stakeholder communications across academic and administrative departments.

Inspired-by Podcast — Content Creator

Oct 2024 – Nov 2025

Remote

- Produced and edited visual content, managed episode scheduling, and coordinated team workflows for consistent weekly releases.

LANGUAGES & EXTRACURRICULAR

Languages: English (Fluent), Arabic (Native)

Volunteer: Ruwwad Al Tanmiya NGO — Community Volunteer (Feb 2023 – Present)