

Dana Bou Merhi

Computer & Communications Engineer

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Professional Summary

Fourth-year Computer and Communications Engineering student specializing in Multimedia and Networks, with practical experience in frontend and full-stack development. Familiar with software engineering concepts and modern development practices, with hands-on experience building and testing web and mobile applications. Quick to learn new technologies, adaptable to diverse technical environments, and motivated to solve complex engineering challenges.

Experience

Frontend Developer Intern | Step to Media | Mkalles, LB

June 2025 – July 2025

- Translated Figma designs into pixel-accurate, responsive interfaces using Next.js and Tailwind CSS, covering web and mobile breakpoints.
- Integrated frontend components with backend REST APIs to support dynamic and real-time data interactions across multiple product features.

Full Stack Developer Intern | bTekUp | Zahle, LB

June 2024 – September 2024

- Built two full-stack web applications end-to-end with the MERN stack, from database schema design to deployed React frontend.
- Designed Figma UX/UI prototypes before development sprints, aligning client requirements with implementation goals.

Education

Bachelor of Engineering in Computer and Communications

2022 - Present

Antonine University, Lebanon | Multimedia and Networks | GPA: 3.54 / 4.0

Skills

Languages: JavaScript, Java, C++

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, MySQL, Firebase

Mobile: Flutter, Dart

Tools & Platforms: Git, GitHub, Postman, Linux, VMware Workstation, Oracle VM VirtualBox

Design: Figma, Adobe Illustrator, UX/UI Design Principles

Projects

Dormly: Dorm Finder Platform (React, Node.js, MongoDB), AIDLINE Lebanon: Emergency Response App (Flutter, Firebase, Google Maps API), E-Commerce Web Application (React, Node.js, Express, MySQL)

Certifications

- Letter of Recognition - Antonine University (2026).
- Mastering React - React Crash Course with Mini Projects - Udemy (2025)
- CCNAv7: Switching, Routing and Wireless Essentials - Cisco (2024)
- CCNAv7: Enterprise Networking, Security, and Automation - Cisco (2024)
- CCNAv7: Introduction to Networks - Cisco (2023)

Languages

Arabic: Native | **English:** Fluent