

FRANK-GERMAIN DERJANY

+961 3 890 909 • frankderjany110@gmail.com

SUMMARY

Computer and Communications Engineer (ESIB – Saint Joseph University, 2026) specialized in software engineering, with hands-on experience shipping full-stack web platforms, cross-platform mobile apps, and IoT-driven embedded systems. Proficient in the modern JavaScript ecosystem (React, React Native, TypeScript, Node.js), Firebase, and MongoDB. Combines strong engineering fundamentals with entrepreneurial drive. Trilingual: English, French, Arabic.

WORK EXPERIENCE

Mobile App Developer BrainRush	<i>Sep 2025 – Apr 2026</i>
Built a cross-platform gamified quiz app with React Native (Expo Router) + TypeScript, Firebase Auth/Firestore, dynamic MCQs, XP, streaks, and daily challenges.	
Frontend Developer Intern Grower AI	<i>Jun – Aug 2025</i>
Developed reusable React/TypeScript UI components; collaborated in agile sprints, code reviews, and production-grade frontend practices.	
Founder & Owner Delusso (E-commerce)	<i>Jan – May 2025</i>
Founded an online gold-plated accessories brand, full stack from Shopify storefront to Meta Ads campaigns and end-to-end fulfilment in the Lebanese market.	
Freelance Web Developer Self-employed	<i>Feb 2023 – Dec 2024</i>
Designed and shipped SEO-optimized, mobile-first websites for small businesses using React, TypeScript, Tailwind CSS, and Node.js.	
Sales Executive Derjany Edutainment	<i>Sep 2021 – Nov 2023</i>
Promoted educational products to Lebanese schools, meeting B2B sales targets and expanding the company's client network.	

AWARDS & ACHIEVEMENTS

2nd Place — Prix Béchara et Carmen Obegi 2026 · BrainRush, Saint Joseph University

Finalist — USJ EC² Resource Group Competition 2025 · Top 9 of 50 teams, ESIB Design Thinking & Innovation course

EDUCATION

MEng, Computer & Communications Engineering Saint Joseph University (ESIB)	<i>2020 – 2026</i>
<i>Major in Software Engineering</i>	
Erasmus+ Intensive Programme Universidad Loyola, Córdoba, Spain	<i>Jun 2026</i>
<i>"From Prompt to Product"; AI applied to entrepreneurship projects.</i>	
French Baccalaureate, General Sciences Collège Mariste Champville	<i>2020</i>

ACADEMIC PROJECTS

DSP-Based Adaptive MPPT Controller (FYP) ESIB	<i>2025 – 2026</i>
Co-built IoT monitoring for a solar MPPT controller: Arduino UNO R4 WiFi → Node.js/Express → MongoDB Atlas; React dashboard + React Native app with EWMA smoothing and Z-score anomaly detection.	
Invoice Automation Platform for SMBs ESIB	<i>2024</i>
Full-stack React + Node.js/Express + MongoDB app for invoice generation, automated overdue reminders, and client audit history.	
IoT Soap-Dispenser Monitoring App ESIB	<i>2024</i>
Flutter mobile app with Firebase real-time sync, push notifications, and an operator dashboard for networked vending dispensers.	
Autonomous Obstacle-Avoiding Robot ESIB	<i>2023</i>
Arduino robot with ultrasonic sensors and C/C++ embedded control logic for real-time navigation around dynamic obstacles.	

SKILLS & ADDITIONAL INFO

Technical: React, React Native (Expo), TypeScript, JavaScript, Node.js, Express.js, MongoDB, Firebase, Tailwind CSS, Flutter, Arduino/Embedded C, REST APIs, Git.

Business: Digital Marketing (Meta Ads), E-commerce, Sales & Business Development, Project Management.

Languages: English, French, Arabic (fluent in all three). **Certifications:** Meta Ads Digital Marketing · React Development.