Abd El Rhman El Sharif

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Cross-Platform Mobile Developer | Specializing in Flutter, React & TypeScript | Competitive Programming Mentor

Computer Science student with over 2 years of hands-on experience in Flutter development, software engineering, and competitive programming. Skilled in building scalable, high-performance applications and optimizing algorithms for real-world use. Recently developed Eventure, a cross-platform event aggregation app with real-time tracking and interactive maps, showcasing expertise in clean architecture and modern state management. Experienced in full-stack development, research, and technical mentorship, with a strong passion for solving complex problems and driving innovation.

EDUCATION

BS in Computer Science in Software Engineering and Development
Beirut Arab University   Sep 2022 - Jun 2025

WORK EXPERIENCE

Freelance   Jan 2023 - Present
Mid-Level Flutter Developer | Freelance

- Developed and optimized cross-platform mobile applications using Flutter and Dart.
- Integrated Supabase, REST APIs, NodeJs, and third-party services for enhanced app functionality.
- Implemented state management (Provider, Riverpod, BLoC) for scalable architectures.
- Debugged and optimized applications to improve performance.

Jemle inc   Sep 2025 - Oct 2025
Cross Platform Mobile Developer • Internship   Remote

- Specialized in Flutter development for cross-platform mobile applications.
- Worked with MongoDB for database management and data storage solutions.
- Developed iOS applications with native integration and platform-specific features
- Implemented Dio package for efficient API calls and HTTP request handling.

Beirut Arab University   Jan 2023 - Jan 2024
Competitive Programming Mentor

- Trained students in ICPC and LCPC competitions.
- Conducted workshops on data structures, graph theory, and dynamic programming.
- Developed structured training sessions and problem archives.

PROJECTS

Eventure – Event Aggregation Software   Jan 2025 - Present
Eventure Team
Developed a Flutter-based cross-platform app for real-time event tracking and interactive maps.

Blockto – Crypto application   Jul 2025
Coding & Create
Developed a Flutter-based cross-platform app for real-time crypto analysis on worldwide using clean arch and riverpod.

Cybersecurity in Mobile Applications   Jan 2025
Beirut Arab University

Analyzed vulnerabilities in Flutter applications and implemented secure authentication, encryption, and API protection.

Optimizing Algorithmic Efficiency in Competitive Programming   Jan 2024
Beirut Arab University

Advanced algorithms were investigated that focus on graph theory, DP, and data structures to improve ICPC-style problem solving.

Competitive Programming Training Platform

Built a SaaS platform with automated grading, ranking, and contest hosting inspired by Codeforces.

Expense Tracker App

Created a finance management app with budget tracking, categorization, and visual analytics.

Smart Event Recommendation System

Implemented a recommendation engine using collaborative filtering in Flutter.

Algorithm Optimization Research

Optimized graph traversal and dynamic programming techniques for large-scale problems.

SKILLS

- **Programming Languages & Frameworks:** Dart & Flutter, HTML & CSS, Javascript, ReactJs, TypeScript

- **Development & Tools:** Firebase, Firebase Firestore, Git, REST APIs, SQLite, Supabase

- **Competitive Programming:** Codeforces, ICPC, LeetCode

- **Algorithms:** all kind of sorting, Dynamic programming, Graph Algorithms (BFS, DFS, Dijkstra), Recommandation System (using torch), Segment Tree, Trie

CERTIFICATIONS

Cross Platiform Mobile Developer   Sep 2025 - Present
Jemle Inc.

Graphic Design   Aug 2025 - Present
Dot Lebanon

Employment Hub   Aug 2025 - Present
The Nawaya Network

Design Thinking   Jul 2025 - Aug 2025
The Nawaya Network

Advanced Level Mobile App Development   May 2025 - Jun 2025
Coding & Create

VOLUNTEERING & LEADERSHIP

Beirut Arab University   Sep 2023 - Oct 2024
Competitive Programming Mentor   Beirut

- Trained students in ICPC and LCPC competitions.
- Conducted workshops on data structures, graph theory, and dynamic programming.
- Developed structured training sessions and problem archives.

Ibad Al Rahman Association   Aug 2020 - Sep 2020
Food Service Worker   Beirut

- Serving Food for Damaged people from Beirut explosion
- Working in house maintenance