

Ahmad Anka

Junior Software Developer | Computer Science & Applied Mathematics Graduate

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Lebanon · Nationality: Lebanese | Brazilian · German Class B Driving Licence + IDP

PROFILE

Computer Science and Applied Mathematics graduate with hands-on experience building full-stack web applications, mobile apps, database-driven systems, and embedded software. Delivered a graduation project independently — from hardware fabrication through to software deployment. Solid foundation in algorithms, OOP, and software development practices.

Actively seeking a **Junior Developer role or Software Engineering Internship** to contribute to real-world products, grow within a collaborative team, and apply skills across the stack. Trilingual in Arabic, English, and German.

TECHNICAL SKILLS

Languages C, C++, C#, Java, Kotlin, Python, PHP, JavaScript
Web Development HTML5, CSS3, JavaScript, PHP, React, Node.js, Tailwind CSS, REST APIs
Mobile Android (Kotlin), MVVM, Room, Jetpack Navigation, LiveData
Databases MySQL, Oracle Database, Room (SQLite)
Tools Git, GitHub, Arduino, Linux, Windows, MS Office
CS Fundamentals Data Structures, Algorithms, OOP, Database Design, Networking, SDLC

PROJECTS

React Jobs github.com/ahmadanka1/React-Jobs

2026

React · Vite · Tailwind CSS · React Router · REST API · Self-Study Project

- A job listings web app with full CRUD operations.
- Built with React 19 and React Router v7 for client-side navigation, styled with Tailwind CSS, and connected to a mock REST API via JSON Server.
- Developed as a self-study project to strengthen frontend skills.

MyMarks – Student Grade Tracker github.com/ahmadanka1/MyMarks

2024

Kotlin · Android · MVVM · Room · Jetpack Navigation · University Project, Lebanese University

- Android app to track student course marks and calculate grade averages, with data persisted via a local Room database.
- Built with MVVM architecture using ViewModel, LiveData, and Kotlin Coroutines for reactive UI and async operations.
- Implemented Jetpack Navigation Component with three fragments and a shared ViewModel across the navigation graph.

Plastic Injection Molding Machine github.com/ahmadanka1/arduino-injection-molding-machine

2024

Arduino · Embedded Systems · Senior Graduation Project, Lebanese University

- Designed and built a fully automated injection molding machine, covering hardware construction, sensor integration, and control logic.
- Developed Arduino-based automation and monitoring software; managed the full project lifecycle from assembly through deployment.
- Incorporated recycled materials to reduce production costs and environmental impact.

The Chef – Restaurant Management System github.com/ahmadanka1/The-Chef-restaurant

2023

PHP · MySQL · JavaScript · University Project, Lebanese University

- Built a full-stack restaurant platform with online ordering, real-time order tracking, and an admin dashboard.
- Designed the relational database schema and implemented all backend business logic.
- Collaborated in a team of three; responsible for the backend and admin interface.

EDUCATION

B.Sc. Applied Mathematics – Computer Science Option

2021 – 2024

Lebanese University · Zahle, Lebanon

Relevant areas: Programming, Algorithms, Data Structures, Database Systems, Computer Networks, Software Engineering

Mathematics (1 Semester)

2026

Technical University of Berlin · Germany

Coursework in advanced mathematics; international academic environment.

CERTIFICATIONS

telc C1 Hochschule

German Language Certificate — C1 Level

Computer Skills Certificate

Oct – Dec 2022

Hashem Technical Center, Lebanon · Microsoft Office, Communication & Problem-Solving

LANGUAGES

Arabic Native

English Fluent — C1

German C1 — telc Hochschule