Kiram Ben Ali

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Software Engineering Student – Specialized in Mobile Development

Second-year Computer Engineering student passionate about creating innovative and intuitive solutions. Strong ability to solve complex problems and transform ideas into high-performance applications.

Education

Arab University of Science, Preparatory Cycle in Mathematics and Physics	Sep 2021 – May 2023
ESPRIT – Private Higher School of Engineering, Software Engineering Degree	Sep 2023 – May 2026

Internship Experience

Summer Intern – Tunisian Bank Company　　　　　　　　　　　　　　July 2024 – August 2024

Optimized network traffic and implemented security strategies, including firewall and VPN configurations. Utilized tools such as Packet Tracer for network simulation and traffic analysis.

Summer Intern – refresh Agancy Brand　　　　　　　　　　　　　　July 2025 – August 2025

Developed a B2B carpooling app that connects colleagues for shared rides, reducing costs and promoting sustainable commuting.

Academic Projects

ChicCircle – Mobile Application (iOS & Android)　　　　　　　　　　github.com/ChicCircle

- Fashion application integrating AI (Gemini) to style and purchase clothes, offering personalized outfit recommendations based on weather, mood, etc., and includes a marketplace.
- Technologies Used: **NestJs**, **Kotlin with Jetpack Compose**, **SwiftUI & Swift Native**, **Firebase**

StepWise – Educational Mobile Application　　　　　　　　　　　　github.com/StepWise

- Mobile app dedicated to educating children with Down syndrome, featuring interactive task systems tailored to each child's development. Integrates AI for task validation through an AI agent that triggers functions in real time.
- Technologies Used: **NestJs**, **Flutter**, **WebRTC**, **LiveKit**, **Gemini**, **WebSocket**

CareWise – Inclusive Mobile Application　　　　　　　　　　　　　github.com/CareWise

- Mobile app designed for parents to support the professional integration of their children with Down syndrome. Features an intelligent system using web scraping to recommend job opportunities.
- Technologies Used: **NestJs**, **Flutter**, **Automation (n8n)**

RobotWise – Educational Connected Tablet App　　　　　　　　　　github.com/RobotWise

- Interactive tablet application connected to the JetRacer robot, designed to engage children in guided educational explorations.
- Technologies Used: **NestJs**, **Flutter**, **Python**, **WebSocket**, **Stream API**

WorkWay – A Carpooling App for Employees　　　　　　　　　　　　github.com/StepWise

- An innovative B2B carpooling Mobile Application that connects colleagues for shared rides, offering flexible planning, rewards, and corporate integration to reduce costs and environmental impact.
- Technologies Used: **FireBase**, **Flutter** , **Map API**

Technologies

Languages: C++, C, Java, Kotlin, Swift, Python | **Frameworks:** NestJS, Spring Boot, .NET, Flutter, React, Jetpack Compose, SwiftUI

Languages

French: Fluent - B2 Level | **English:** Fluent - B2 Level | **Arabic:** Native Language

Volunteer Experience

Active Member: Rotaract Club