

RIBAL SHAYYA

Software Engineer

Passionate about problem-solving with a strong foundation in algorithms, software development and a university emphasis in Artificial Intelligence, Machine Learning, and Data Science . Eager to contribute fresh insights and collaborate on innovative projects that make a positive impact. Proven ability to develop efficient solutions and deliver high-quality software products.

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WORK EXPERIENCE

Android Developer Areeba

10/2023 - 06/2025

Achievements/Tasks

- Contributed to the development of Areeba's Android POS terminals, delivering a seamless and secure payment solution for business owners.
- Utilized Java and Jetpack Compose to create robust, user-friendly interfaces supporting financial transactions and business operations.
- Collaborated with backend and QA teams to integrate APIs, troubleshoot technical issues, and ensure smooth data flow between client and server.
- Applied strong understanding of OOP principles, clean code, and version control (Git) to deliver maintainable, high-quality code within agile timelines.
- Demonstrated strong problem-solving skills and adaptability in a fast-paced development environment.

Android Developer IQUAD Learning Solutions

03/2023 - 06/2023

Achievements/Tasks

- I actively contributed to the development and maintenance of Android applications.
- Working within a dynamic team, I collaborated with senior developers and designers to create innovative solutions for educational purposes.
- Conducted unit testing and UI testing to identify and fix issues early in the development cycle.

EDUCATION

BS IN COMPUTER SCIENCE

American University of Science and Technology

10/2019 - 06/2023

Beirut, Lebanon

LIFE SCIENCE- LEBANESE BACCALAUREATE DEGREE

MAJDELBAANA SECONDARY SCHOOL

10/2016 - 06/2019

Aley, Lebanon

SKILLS

PowerBI ASP.NET Anaconda (JUPYTER)
Android Studio Java C++ C# Python
HTML CSS SQL MYSQL JQUERY
Machine Learning Data visualization
Data analysis REST APIs Kotlin
Jetpackcompose Git

PERSONAL PROJECTS

Employee Management System

- Developed a RESTful Spring Boot application with MySQL for managing employee records. Implemented full CRUD functionality (create, read, update, delete) using Spring Data JDBC and Lombok to streamline development. Designed clean RESTful APIs, configured MySQL integration, and tested endpoints using Postman to ensure reliability and performance.

Fitness Lab - Custom Fitness App (Android/Java)

- Developed a personalized fitness mobile application for Android using Java within Android Studio. Created an interactive platform allowing users to calculate their Basal Metabolic Rate (BMR) and access detailed nutritional information, including food calories and grams. Utilized SQLite for efficient data management and storage.

Printer Queue Management System

- Designed and implemented a printer queue management system to streamline printing requests from multiple users. Engineered a program that efficiently handles printing tasks, enhancing user experience and resource allocation.

Stock Price Prediction Model using Linear Regression

- Built a predictive model for stock price forecasting using the linear regression algorithm. Designed an algorithm that analyzes historical stock data to predict the next day's open market price, demonstrating skills in data analysis and machine learning.

CERTIFICATES

-Cisco Certified Network Associate(CCNA):

CCNA 1 and CCNA 2

-Microsoft Office Specialist Certification:

Microsoft Word and Excel

-Linux Professional Institute (LPI) Certification

LANGUAGES

ARABIC

Native or Bilingual Proficiency

ENGLISH

Full Professional Proficiency