



Zakarya Roohi

Software Engineer & Flutter Developer

About Me

I stay updated on industry trends and love working collaboratively, welcoming user feedback to continually improve and master my skills.

Info & Connect

Born
1995



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Kuala Lumpur, Malaysia

Language

English
Persian
Kurdish



Graduated bachelor of
Software Engineering
2013-2017



Diploma in Mathematics
& Physics

Experience

Technical Team Lead

Managing the Team to build GNSS Receiver (2023 - 2024 October) [Nerxon](#)

Flutter Developer

Developed Ananas LC App (2024 April - Present) [AnanasLC](#)

Flutter Developer

Design and Develop VERNAL app for mapping (2022 - 2024 October) [Nerxon](#)

JAVA Android Developer

Developing JAVA Android Application (2020 - 2021) [Nerxon](#)

Skills

FLUTTER & JAVA (Advanced)

- Dart
- Material Design
- Thread-Isolate
- Push Notification
- GetX
- Animations
- RESTful API
- Bluetooth Data Transfer
- BLoC
- Socket
- Services
- Data Converter
- Provider
- Translator
- Unit Test
- Authentication
- AR
- Database
- Isolate
- Map - Location Surveying
- Payment
- Custom Painter
- Player
- Riverpod

Familiar with

- Kotlin
- AI - GPT
- Laravel
- Python
- Embedded Systems
- System Design
- JavaScript
- Transform Protocols
- Production Process
- PHP
- Hardware Systems
- Digital Marketing

Design Patterns (Advance)

Singleton, Factory Method, Iterator, Builder, Adapter, Decorator, Observer

Architecture (Advanced)

MVC, MVVM, MVP, Clean Architect - SOLID Principles

Product Management Knowledge

Concepts

- Product Development
- Business Case
- Road Map
- User Story
- Market Research
- Back Log - Sprint
- Wireframe - Persona
- UI/UX
- SWOT - WBS
- Risk Management

Methology & Tools

- Agile
- Balsamiq
- Scrum
- Figma
- Doc
- System Architecture
- Git

Projects

NERXON

GEO
Geo Radar Price Co.

Vernal or Nerxon application

Mapping Product Working
with GNSS Receiver



[Download From Website](#)



ANANAS
LANGUAGE CENTER

Ananas App

A powerful App for learning
English language using AI



Top Projects



VERNAL Application for using vernal GNSS Receiver

This three-year project resulted in a multi-frequency GNSS receiver for precise engineering positioning. I contributed as an app designer and developer and later led the research unit. The result was a competitive mobile app featuring augmented reality, server data exchange, AutoCAD integration, and a user-friendly interface. The app's best features are as follows:

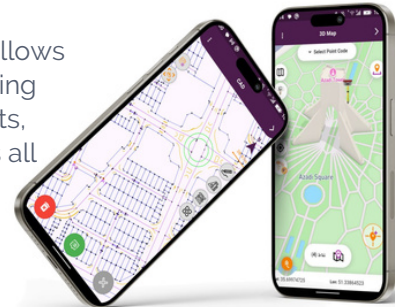
Augmented Reality (AR)

The app enables precise distance and area calculations and visualizes points in real space using augmented reality.



AutoCAD And Map

The AutoCAD feature allows users to perform mapping calculations, draw points, polylines, and supports all technical engineering calculations.



Data Management

Multi Language with Perfect UI/UX

The app offers DXF, CSV, TXT, KML, and GeoJSON outputs, supports online and offline maps, Persian, English, German languages.

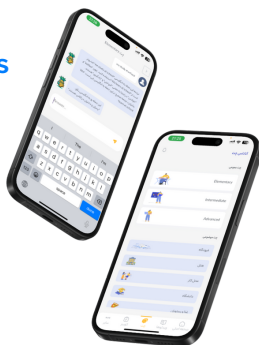


AnanasLC App

Developed the Ananas app as a freelance remote project, successfully delivering both Android and iOS versions. Ananas offers educational videos, IELTS and TOEFL resources, categorized quizzes, and an AI-powered chat feature, providing users with a practical, interactive English learning experience.

Chat - Player - Notifications

video player and sound player with controller, 4 different quizzes type, and an AI-powered chat



Payment - Subscription

Implementing a dual-currency payment system (supporting USD and IRR) and designing an auto-renewing subscription model.



AcademiaHire

AcademiaHire

AcademiaHire is an innovative platform offering a vast database of resumes to facilitate merit-based recruitment of Master's, PhD, and Postdoctoral candidates. I developed this app for Android, iOS and web. Responsive

