Roya Rastgar

Android Developer

Karaj - Alborz

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Analytical and detail oriented Android developer with experience in designing, developing, testing and supporting mobile applications in java, kotlin and dart.

Skills

- Java

- Kotlin

- Dart

- Flutter

- MVVM Architecture

- Coroutines:
  - Advanced coroutine management using jobs
  - Coroutine scoping

- Dependency Injection:
  - Koin

- Room Persistence:
  - SQLite on Android with Room Persistence library
  - Custom queries, inserts, deletes, updates

- Retrofit 2:
  - Handling any type of response from server (success, error, none, etc...)
  - Returning LiveData from Retrofit calls

- Material Design:
  - Customizing Bottom Navigation Icon behavior
  - Handling Different Screen Sizes (ConstraintLayout)
  - Material Dialogs
  - Fragment transition animations

- Firebase

- Git

Work Experience

2016-2021   Android Developer
             GSS International, Kavoshgaran Hamrah Kish

- Respond to client needs for applications with the most feasible and effective solutions

- Design and integrate mobile applications with RESTful web services

- Collaborate with back-end team to define, design, and ship new features

- Develop applications using the Material Design component

- Work on bug fixing and improving application performance

- Continuously discover, evaluate, and implement new technologies to maximize development efficiency

- Projects
  - 60 (Shast):
    The National Bank of Iran application for managing all bank accounts https://bmi.ir/landing/60
      * Coin card: The special debit card based on gold coin currency, manage coin card, find out balance, transfer coins.
      * Design gift card: Choose amount, set background picture and write custom sentence on card (with card preview).
      * VAS services: Buy bus and flight ticket and reserve hotel.
      * Shetabi service: Find out account balance, transfer money between debit cards, pay bills.
      * Map services: Find the nearest point of service and automatically show the shortest rout.
  - AnyPay:
    Large-scale application that bounds to a MPOS device by SDK to transact all desired transactions by second track of debit card. https://anypay.ir/
  - ShahrNetWay
    Multi feature banking application developed for Shahr-Bank

Education

2013-2015   M.Sc. in Computer Science
             University of Tabriz, Iran

2009-2013   B.Sc. in Computer Science
             University of Tabriz, Iran

2008   Diploma in Mathematics and Physics, Farzanegan high school, Under supervision of NODET (National Organization for Development of Exceptional Talents)

Technical Experience

- Developing an intrusion detection software processing and modeling the network traffic traces. (JAVA)

Publications and Conference Presentation

- R. Rastgar, A. Isazadeh, J. Karimpour. "Flow-Level Intrusion Detection Based on Traffic Dispersion Graph (TDG)", 13th International ISC Conference on Information Security and Cryptology (ISCISC), 2016; (In Persian) (English version is available).

Workshops and Conference Attended

- 13th International ISC Conference on Information Security and Cryptology (ISCISC2016), 6-8 September 2016, Shahid Beheshti University (SBU), Tehran, Iran.

- 20th International Symposium on Computer Science and Software Engineering (CSSE2015), August 18, 2015, University of Tabriz, Tabriz, Iran.

- Second Computer Science Conference on Computer and Information Technology (CSCCIT2014), November 19-20, 2014, University of Tabriz, Tabriz, Iran.

- First Computer Science Conference on Computer and Information Technology (CSCCIT2011), November 15-16, 2011, University of Tabriz, Tabriz, Iran.

Certifications/Licenses

2017-present   IELTS
Listening: 6.5
Reading: 6
Writing: 6.5
Speaking: 5.5
Overall: 6

Links

- LinkedIn
  https://www.linkedin.com/in/roya-raastgar