

ROYA RASTGAR

TEHRAN - IRAN

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WORK EXPERIENCE

- 2021-PRESENT **Web & Mobile Developer**
Mapna Electric & Control Engineering & Manufacturing
Smart Home
Home Automation System monitoring and controlling home attributes such as lighting, climate, entertainment systems, and appliances. It also includes home security such as access control and alarm systems. Smart Home Android Application and PWA are implemented via **Flutter/Dart** and communicated with IoT devices by **MQTT Protocol**.
- 2021-PRESENT **Web and Mobile Developer**
KICCC (Iran Kish Credit Card Company)
Cryptocurrency Payment Gateway
A payment processor for **USDT** currency on **Tron** network enabling any business to accept USDT payments. **A Kafka-centric microservice architecture** is employed in this project. In addition, this project is implemented with **JavaScript**, **ReactJS** for frontend and **NestJS** for backend.
Ecommerce Solution
A multi-vendor and single-vendor ecommerce application that sellers can manage their shops. It also compatible with any payment systems. Ecommerce Android Application and PWA are developed by **Flutter/Dart**.
- 2016-2021 **Mobile Developer**
GSS International P.J.S.C
Shast
Application for managing bank accounts with capability of money transferring, design gift cards, buying tickets and so on. Note that this application is implemented by the order of **The National Bank of Iran**. Shast Android Application is implemented via **Java** for devices that supports android OS.
AnyPay
Large-scale application that is bound to **Mobile POS (MPOS)** devices by its payment SDK to transact all transactions by second track of debit card. AnyPay IOS Application is developed by **Swift** for iPhone and iPad.
Melli Pass
Identity digital authentication system using **face recognition** and **digital signature** technology.
Melli Pass Android Application is built with **Kotlin** for Android devices.

EDUCATION

- 2013-2015 **M.Sc.** in Computer Science
University of Tabriz, Iran
GPA: 3.71 (17.83 / 20)
- 2009-2013 **B.Sc.** in Computer Science
University of Tabriz, Iran
GPA: 3.33 (15.65 / 20)
- 2008 **Diploma** in Mathematics and Physics, Farzanegan high school, Under supervision of NODET (National Organization for Development of Exceptional Talents), Ardabil, Iran.

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. ([pdf](#))

EXTRACURRICULAR ACTIVITIES

- Class Attendance
 - **LPIC-1** - Iran Linux House
 - **UI/UX Design** - Tehran Institute of Technology

HOBBIES

- **Painting**: Abstract (Oil Painting)
- **Swimming**: Breaststroke

VOLUNTEER ACTIVITIES

- **First Aid Training** - Hilal-e-Ahmar House

LINGUISTIC PROFICIENCY

- **English**: IELTS 6.5 (L: 7.5 R: 6.0 S: 6.0 W: 6.0)
- **Persian**: Mother Tongue
- **Turkish**: Fluent

LINKS

- **Portfolio**: <https://royacodes.com>
- **LinkedIn**: <https://www.linkedin.com/in/roya-raastgar>
- **Github**: <https://github.com/royacodes>