

# Sadjad Asadi

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<https://lvirsajjad.github.io>

<https://github.com/lvirSajjad>

## Summary

Passionate computer scientist and senior software engineer with 6 years of experience in architecting, designing, engineering, and development of enterprise software solutions and open source collaboration in more than 50 projects. Seeking to learn more and expand my knowledge towards machine learning, artificial intelligence and blockchain.

## Education

- **Bachelor of Science**

Payam-e Noor University

**Aug 2012 - Feb 2016**

Kerman, Iran

## Research Interests

- Artificial Intelligence
- Deferred Acceptance and Matching
- Fairness
- Game Theory
- Multi-Agent Systems

## Professional Experience

- **Senior Software Engineer**

BraveBinary

**Jan 2019 - Present**

- Designed, engineered, and developed a multi-purpose networking app based on Firebase, GCP, and Flutter technologies
- Engineered and developed a general-purpose backend with the ability to store and return FHIR resources via Express framework as backend & Postgres as database.

- Designed a cloud application which covers the whole billing process between services, patients, and billing providers which is under development at the moment and connected to the FHIR backend which is mentioned above.
- Designed an insurance charge estimator based on Vue.js and mySql technologies which is under development.

- **Tech Lead**

**Jul 2018 - Jan 2019**

Esperlos

- Led a team of eight programmers
- Designed and developed an application which connects to an electronic device and can be used as a diagnostic tool. It uses microcontrollers and a bluetooth module to transmit binary signals between the car's ECM and a mobile device.
- Designed and developed a food delivery application, in which React Native, Laravel, and mySql technologies are used.
- Developed an app for an official department which helps the IT department staff collaborate, in which React Native technologies are used.
- Designed and developed a React Native app which could track transit shippings and help the terminals to manage them.

- **Software Engineer**

**May 2017 - Apr 2018**

Owraman Intelligent Software Company

- Developed an e-Commerce social network android app
- Developed a networking library to make an offline-first app by syncing the changed data between the server and client for native Android SDK
- Designed and developed a peer-to-peer ridesharing, taxi cab, and transportation network based on React Native for mobile platforms and Yii2 Framework as backend.
- Designed and developed a car repair shop management software which has two clients for different purposes such as a mobile app for diagnosing the cars, and a web app for accounting and store management.

## Open Source Collaborations

- **React Native Blur Overlay**

React Native Blur Overlay Library For iOS And Android  
Both modules are in native Java and Objective-c languages  
<https://github.com/lvIrSajjad/react-native-blur-overlay>

- **Ignite Boilerplate Andross Typescript**  
Customized version of ignite Andross With TypeScript Support And Container Component Design pattern  
<https://github.com/lvIrSajjad/ignite-boilerplate-andross-typescript>
- **Ignite Studio**  
A tool for easing creation and adding things to ignite projects using electron  
<https://github.com/lvIrSajjad/ignite-studio>
- **React Native Typescript Material UI Collection**  
An accurate material ui collection designed based on material.io guidelines and made using typescript  
<https://github.com/lvIrSajjad/react-native-typescript-material-ui-collection>
- **Blossom**  
This project following the goal of make spring framework easier to use and faster to getting start with  
And a boilerplate to use with this tool  
<https://github.com/lvIrSajjad/java-spring-rest-mysql-boilerplate>  
<https://github.com/lvIrSajjad/blossom>
- **Ignite Andross**  
Updated all dependencies and react-native version  
Added Container Component design pattern  
Changed all templates based on Container Component design pattern  
<https://github.com/infinitered/ignite-andross>

## Technical Skills

Software Architecture, Problem Solving, Critical Thinking, Algorithm Design, Software Engineering, Database Design, Design Patterns, Restful API, OOP, ACID, SOLID, Unit test, GCP cloud services, Aws cloud services, Firebase, Aws Amplify, Android SDK, Flutter, React Native, Xcode, React, Vue, Angular, jQuery, Three.js, Laravel, Node/ Express, Electron, .Net, MySQL, Postgres, MongoDB, Firestore, Js/ Es6, Php, Java, C++, C#

## References

**Kaveh Mirzaei**

**Principal Member of Technical Staff**

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**Reza Iranmanesh**

**Staff Engineer**

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