**Babak Firouzi**

Gameplay Programmer

No 61, Eastern 13th, Main Avenu, Gohardasht, Karaj, Alborz Province, Iran

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**SUMMERY**

Effective gameplay programmer with 10+ years experience and activities in game development 2d and 3d. Worked with many engines, software and tools relevant to the game industry. Utilizes his skills and efforts helpful to push forward your projects better. Easily is adapted with your team and your projects pipline in your company.

**SKILLS**

* Knowledge of object-oriented programming and data strucutre
* Good C++ programming skills, capable to write clean and redable code, testing and debugging in visual studio and android studio for Cocos2dx
* Strong in C#.Net programming for game development in Unity and NeoAxis(in past). test and debug in both MonoDevelop and VS
* Unity editor programming fiting tools needed in development process
* Can write Java codes and wrapper in android studio to make android plugins for unity and Cocos2d-x like ad system, in-app-purchase, analytical, notification, login system, ...
* Java script and Lua experience
* Json read, write and generation, xml experience
* Implemented game mechanics like platforming, adventure, rpg, puzzle, simulation in a desirable base structure that is extendible
* Knowledge of mathematics and physics used in game programming
* Knowledge of AI systems in game development
* Studied the Shader and wrote some simple shaders
* Experience with network platform Photon, SmartFox, PlayFab
* Work with design team and capable of reading design document to implement your game features and mechanics properly or even play the same games for better understading and implementing
* Ability to make rapid prototype of the idea presentable
* Git, Github, Gitlab, Source Tree, Tortories for version controling
* Fimilar and worked with 3d and 2d softwares Photoshop, Inkscape, 3dsMax, Blender, worked low-poly modeling and simple animation
* Inetgrated sdks like Game analytics, OneSignal, Pushwoosh, Chartboost, Applovin, ...
* Worked and reviewed other engines like Ogre, Irrlicht, 3dGameStudio, PowerRender already
* Capable of learning new engine or tools to adapt and go with your team

**EXPERIENCE**

* Advertising company Ferferegame in Bazinama at Yara Kish hloding, Nov 2017 to Sep 2018, Tel: (0098)02188754421, website: <http://bazinama.com/>
  + Developed 2d fast food game as single programmer with Cocos2d-x named “Amu Feri”
  + Score base game with Cocos2d-x named “Snake vs Balls”
  + Score base mini footbal game “Toop Run”
  + Ketchup like platforming game “Color Qube”
* Memaran Asre Danesh in Mirdamad, Tehran, Iran – Dec 2016 to Sep 2017, Tel: (0098)2188875626, website: <http://aka.co.ir/>
  + Developing of online mobile games like Clash Royal with Unity and Smartfox
  + Worked as one of three client programmers
  + Implemened some features like unit controller, sprite animation system, leaderboard, achievement, hud, store and etc
  + Part-time
* Indie game company “Glim Games” in Beheshti, Tehran, Iran – Sep 2016 to Sep 2017
  + Developed a hit mobile fun racing game named “Hey Taxi tehran 1320” ordered by them as single programmer with Unity
  + Developed another hit fun game named “Madrese Shasita” for them as single programmer with Unity
* Medrik studio at Yara Kish holding in Tehran, Iran - June 2015 to Aug 2018, Tel: (0098)2142570000, website: <http://www.yaramobile.com/>
  + Developing an online drag racing mobile game named “Zero to Hundred” with Cocos2d-x
  + Worked as one of three client programmers
  + Implemented some features like upgrade system, store, city record, tutorial, migration and etc. Integrated some sdks
* Sponsered projects published in Iran – July 2010 to May 2015, worked with team of 5-6 people
  + RPG game for windows platform that sponsered by one of Iranian organization named “Beyond the journey” made with NeoAxis engine but for the financial isuues the project cancelled. was single programmer
  + Windows adventure platforming game named “Adventure of mopol” made with NeoAxis and published by Asr Bazi the iranian publisher. was single programmer
  + Small physics game for windows named “KitiCat” made with NeoAxis engine, published by Asr Bazi the iranian publisher. Single programmer
  + Action adventure platforming game named “Planet Hunter” made with NeoAxis engine published by Asr Bazi. Was lead programmer
  + Some individual projects I published on GooglePlay made with Unity. “KitiCat”, “Good Jumps”. “Table Math”, “Picture Rubik” with Cocos2dx published on Cafebazar the Iran’s app store.

*Attention please: I referenced above games in reference section by links so you can see more detail.*

**EDUCATION AND STUDIES**

* Associate degree in computer science and software development in Fani Herfee Beheshti, Karaj Iran. One of the best national tech colledges in Iran. Started at Sep 2005 and graduated at Jan 2008. There I thought of to be in game industry.
* Accepted for bachelor degree but after two term finished I decided to cancel the education. Sep 2008 to Sep 2009
* Studied many game development books and use them as reference
  + General programming
  + Data structure
  + Math
  + Physics
  + Algorithms
  + AI
  + Network
  + Gems series
  + Game designing
  + 3D modeling, uv and texturing

**REFERENCES**

* <https://cafebazaar.ir/app/com.ferferegame.amuferi/?l=fa>, Cocos2d-x. Fast food game you should make sandwitch from recipes list with right select and give them to the customer as soon as possible. Powerups, new kitchens with new cooks.
* <https://cafebazaar.ir/app/com.ferferegame.snakevsblocks/?l=fa>, Cocos2d-x. Infinite score based 2d fgame you should go and break the blocks as you can. Unlock new balls and quests.
* <https://cafebazaar.ir/app/com.ferferegame.tooprun/?l=fa>, Unity. Tap in the right place and moment to shoot the ball. Unlock new balls and shirts.
* <https://cafebazaar.ir/app/com.ferferegame.colorqube/?l=fa>. Unity. Ketchup like game in four diffrent themes you need to act fast and change direction in right place. Gain score to get gift and prize to unlock new balls.
* <https://cafebazaar.ir/app/com.glimgames.heytaxi1320/?l=fa>, Unity. Traveling and picking up the passengers in the path and get money. Consumable resources you need to renew them. Quest system. Store section to buy and sell diffrent cars diffrent drivers diffrent horns diffrent musics, and a garage the bought cars are there you can select any of yours.
* <https://cafebazaar.ir/app/com.glimgames.madreseshastia/?l=fa>, Unity. Fun game you manage a classroom to play when the teacher does not pay attention. Play with the teacher gain score and unlock new classroom.
* <https://cafebazaar.ir/app/info.medrick.candice/?l=fa>, Cocos2d-x. Online drag racing game. You can buy new cars and compete with other users. Garage, upgrade system, city record, gears ratio, avatar, etc. I worked as one of three client programmers.
* <http://www.neoaxis.com/showcase/products/beyond_the_voyage>, NeoAxis. 3D RPG game for windows platform. The project was cancelled.
* <http://www.neoaxis.com/ru/showcase/products/adventures_of_mopol>, NeoAxis. 3D Adventure platforming game has cut-scene and fluent gameplay. Jump on platform, dodge hazards, solve puzzle, get keys, unlock doors... for windows platform.
* <http://www.neoaxis.com/showcase/products/kiticat>, NeoAxis. 3D physics game you have to control the cat over the ball trying not to fall down.
* <https://cafebazaar.ir/app/com.xalopex.tablemath/?l=fa>, Cocos2d-x. Math game in it you have to match opperator and numbers to solve the puzzles.
* <https://youtu.be/7T7C7nt1nhY>, (Planet Hunter) NeoAxis. Action adventure platforming game with various weapon, map, puzzle, various enemies, hazard, ledge catching, cinematics for windows platform.
* <https://www.youtube.com/watch?v=tl1b0rQ5Kz0>, (KitiCat) Unity. Android version.
* <https://youtu.be/7ArQPM3Rp6Y>, Unity. Simple 2d platforming.
* <https://youtu.be/4rVVHqnWlmg>, (Kopol) NeoAxis, PC educational simple runner.
* <https://github.com/BabakFiroozi/FastFood_AmuFeri>, one of my projects source code if desire to review. Cocos2dx project.

**HOBBIES AND INTERESETS**

* I love video games and play every time I can. My favorit games are : Resident Evil, Bioshock, Call of Duty, Silent Hill, Darksiders, Killzone, Crash bandicoat, The Last of Us, Uncharted, Tomb raider.
* Travel and trip
* Favorit sports are football, body building, swiming, driving, billiards
* Movies
* Cooking