

Nikhil Verma

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Projects and experiences:**Graph it (iOS app challenge,2016)**

An iPhone app for making beautiful pie charts that can be viewed on a companion OSX app. Used Core Graphics and Core Data for the frontend and backend systems.

<http://devpost.com/software/graphit>

Timeshift (Java, JavaFX)

A key frame based animation software with multi-level undo-redo support. The system comprises of a tool based graphical workspace and a tabular key frame table for animating several properties of a shape. This also includes motion path for spatial animation.

<https://github.com/nikhilnxvverma1/Timeshift>

Carry the Flame for iPad (Objective C, Cocos2D, Box2D)

Built a simulation based puzzle game for iPad. Aside from the main game, I also made an XML based level editor for creating the 100 levels in the game. The game has 5 distinctly themed stages with 14 gameplay elements.

<https://itunes.apple.com/us/app/carry-the-%20flame/id914483142?ls=1&mt=8>

Sudoku all Solver for iOS (C, Objective C, Cocos2D)

Designed and developed an algorithm for solving any Sudoku puzzle even if they are partially filled. The algorithm is capable of finding every matching solution to the problem.

<https://itunes.apple.com/us/app/sudoku-all-solver/id947904468?ls=1&mt=8>

Laying Bricks for iOS (Java, LibGDX)

<https://itunes.apple.com/us/app/laying-bricks/id998180902?ls=1&mt=8>

Snakes Ergo for iOS (Java, LibGDX)

<https://itunes.apple.com/us/app/snake-%20ergo/id1007387996?ls=1&mt=8>

1.75 years of professional web development experience as a software engineer at Nucleus Software (2013-2015). Technologies include **Spring**, **Hibernate**, **HTML 5** and **Maven**.

Bachelors in Computer Science from Jaypee institute of information technology (2009-2013). Currently pursuing Masters in Computer science from Rochester Institute of Technology (Fall 2015).

Blog: <https://glitchgone.wordpress.com/>

GitHub: <https://github.com/nikhilnxvverma1>

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