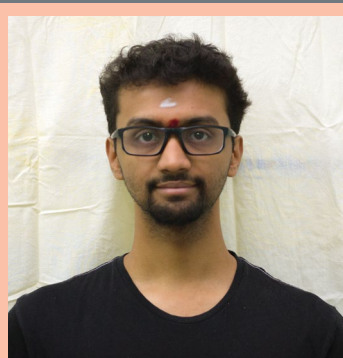


Chennai, Tamil Nadu

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www.nkportfolio.com



NIRANJAN KALYANASUNDARAM

Software Engineer

Animator & Composer

 [github.com/nkmultimedia](https://github.com/nkmultimedia)

 [youtube.com/user/nkmultimedia360](https://youtube.com/user/nkmultimedia360)

 [linkedin.com/in/nkmultimedia](https://linkedin.com/in/nkmultimedia)

## Profile

Enthusiastic and quirky American trying to make a difference in the world of animation.

## Experience

2y+

**Software Engineer**  
Sagitec Solutions

— 2016 Feb to Present

- Worked on Mobile app design and development as part of R&D Team
- Web client front-end & server side middleware development
- Unofficial multimedia expert
- Work featured on Sagitec's website

8m

**Freelance Artist**  
Self Employed

— 2015 Jun to 2016 Feb

- Bid and won an internation project in VR
- Composed the score for a short film which was screened in an [international film festival](#)
- Worked on projects in music, VR, animation and more

4m

**3D Design Intern**  
CaratLane Pvt Ltd

— 2015 Feb to May

- 4 month internship modelling & rendering jewelery
- Worked in the Product Design Imaging Team
- 3D models created using Rhinoceros 3D and Matrix
- Identified an opportunity to automate a task, and created a prototype by scripting in Photoshop

1.5y

**Freelance Artist**  
Self Employed

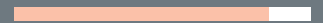
— 2013 Jul to 2015 Jan

- Frelanced part-time as animator & composer
- Worked on 2 long term and 10+ short term project
- Composed scores for 2 films of 1hr duration each

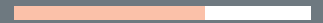
## Skills

### Programming

Ionic 1



Ionic 2+



Angular JS



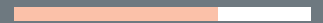
Angular 2+



JavaScript



TypeScript



jQuery



Node JS



CSS 3



SCSS



Python



C & C++



## Education



### Mixing & Mastering

Berklee College of Music

— 2017 Jan to Apr

- Mixing & Mastering for the Electronic Musician
- 12 week intense, undergraduate level online course
- Project based learning using Logic Pro X & iZotope Ozone

### BSC Animation

Mahatma Gandhi University

— 2011 Jul to 2014 Jun

- Studied at Arena Animation, Anna Nagar, Chennai, affiliated to Mahatma Gandhi University, Meghalaya, India
- Specialized in Visual FX

## Certification

### Piano Performance (Grade 6 Certified)

Trinity College of Music, London

2013 Aug

### Python Training

NIIT T.Nagar, Chennai, India

2015 Oct to Dec

### C / C++ Training

NIIT T.Nagar, Chennai, IN

2017 Sept to 2018 Mar

### Data Structures & Algorithms

NIIT T.Nagar, Chennai, India

2018 March to May

## Notable Achievements

- Created and published an Android game "[Ely Swatter](#)" as a college project
- Created a **3D animated silent film** "[Day Dreaming](#)", where all movement is **synchronized to classical music** composed by Anton Dvorak
- Created a [tutorial](#) on setting up Matte ID passes in Maya while still allowing Mental Ray renderer to combine all passes to a single EXR file
- Released several open source scripts on **GitHub**, including an After Effects script "[Framerate Changer](#)" allowing users to quickly modify the framerate of multiple footages in an AE project

## Skills

### Media

Photoshop



Illustrator



Lightroom



After Effects



Maya



Davinci Resolve



### Music

Logic Pro X



Ableton Live



iZotope Ozone



Finale



### Interests

Photography



Reading



Music

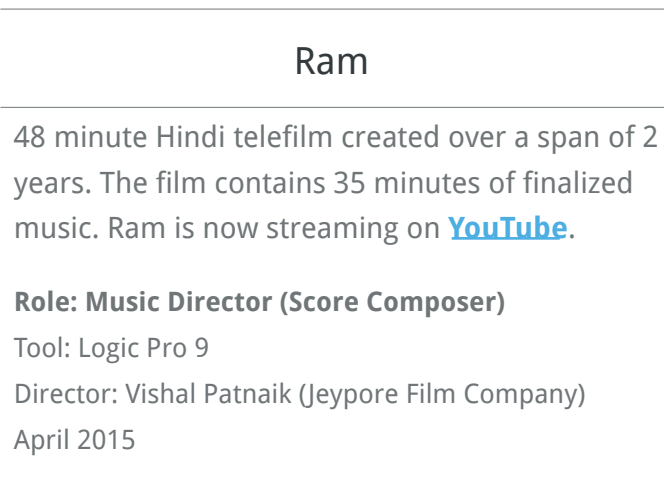


Vedas



Track Mixing





### MOBIAS - Promotional Video

Coordinated with onsite marketing department at Sagitec to create a promo video for [MOBIAS Pension App](#).

Video was created for the annual [Prism Conference](#).

**Role: Previzualization & Motion Graphics**

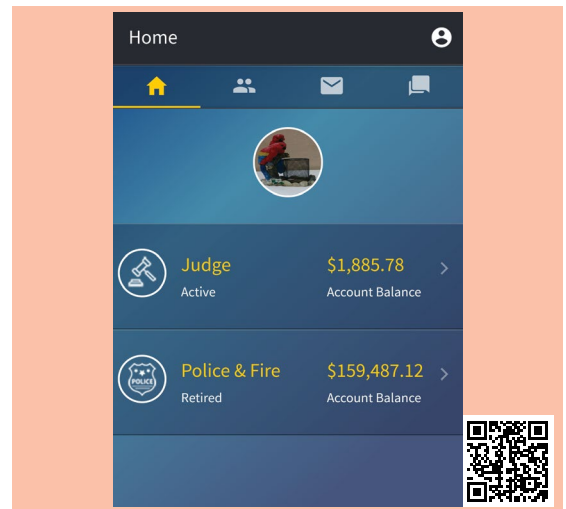
Employer: Sagitec Solutions

Tools:

Adobe After Effects CC 2015  
Adobe Premiere Pro CC 2015  
Adobe Photoshop CC 2015

March 2016

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### HealConnect Mobile App

Worked on a hybrid mobile app to help connect patients and doctors. Developed in 2 weeks by a team of 5, HealConnect is featured on [Sagitec's Website](#).

**Role: UI / UX Developer**

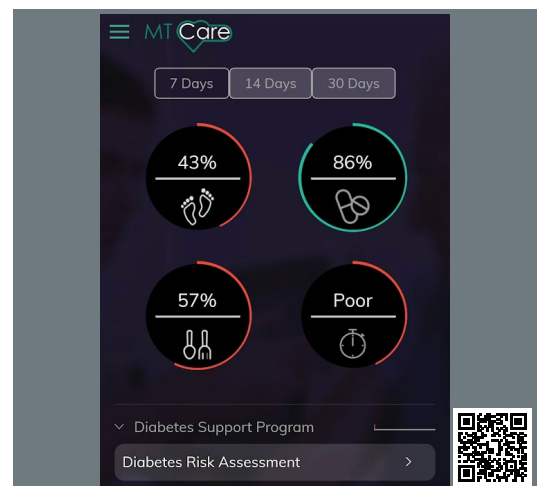
Employer: Sagitec Solutions

Tools:

Ionic Framework 1.x (AngularJS)  
Extensive use of SCSS & CSS 3

December 2017

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### KPERS Mobile App

Worked on a pension management app for employees of the [State Govt. of Kansas](#). Developed screens based on wireframe designs.

**Role: UI Developer**

Employer: Sagitec Solutions

Tools:

Ionic Framework 1.x - Ionic v3.x  
(Angular JS - Angular 4)

Angular Material by Google

July 2016

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