



## Education

Education	Institute	Year	CPI/%
B.tech (Electrical Engineering)	Indian Institute Of Technology Jodhpur	2017	6.4
Class XII	Kendriya Vidyalaya Sector 31 Chandigarh	2013	89
Class X	Kendriya Vidyalaya Secotor 31 Chandigarh	2011	10

## Experience

### Associate Software Engineer | Apttus (Ahmedabad)

Designing and implementing product from scratch and build enhancements, bug fixes and features requests using Microsoft .NET technologies, C#

Job Responsibility also included UI development with Angular and Node.js

### VR App Development Internship | Charuvi Design Labs (New Delhi)

Developed a virtual reality app for Android on Unity3D. The app included scenes designed by charuvi design lab.

Integrated Bluetooth controller for character movement.

NFC was also integrated with app for launching the app when near VR Headset.

## Projects

### FACE POSITION DETECTION | DR. GAURAV HARIT

This project incorporated Face Detection using OpenCV library on iOs device and determined the position of faces detected relative to the camera lens in real time.

### REDUCING OUTPUT FLUCTUATION OF SOLAR CELL | DR. ABDUL GAFOOR

Designed solar cell model on Matlab and reduced the fluctuation of output voltage caused due to irradiance, temperature variation and other environmental factors.

### DEVELOPED ANDROID GAMES AND APPS

Developed 20+ android apps and games play store in span of 3+ years uploaded them on playStore and amazon app store in the account named JackODiamondApps, UADevz and Glaxz-c.

In JackODiamondApps the focus was on making great games and apps with good design and user experience, One of the app from this "Houses in Game Of Thrones" was selected in **FBStart Program** from facebook.

amazon store link for JackODiamond: [https://www.amazon.com/s/ref=bl\\_sr\\_mobile-apps?\\_encoding=UTF8&field-brandtextbin=Jack%20o%27%20Diamond&node=2350149011](https://www.amazon.com/s/ref=bl_sr_mobile-apps?_encoding=UTF8&field-brandtextbin=Jack%20o%27%20Diamond&node=2350149011)

### MUSIC PLAYER SYNCED WITH ARDUINO

Developed an android music player which sends bass , treble and reverb values to arduino via bluetooth to control specific Arduino functions .

## GUESTHOUSE MANAGEMENT PORTAL

Developed and online guest house booking portal for college guest house using php, mysql, css and html.

## POSTMYALOO.COM

In this i was responsible for developing website and was closely involved in marketing and operations. This included marketing on social media and contacting cult heads of various colleges across india. Third party Payment gateway was also linked with the website for processing fees.

link for introduction video: [https://www.facebook.com/POSTMYALOO/videos/1609660559297287/?hc\\_ref=ARQRpTsRMtjFV2SE7a6VKpaOyw-aL\\_QVvxQ9W9YwM36lqHap8h6-tPFPiQ65ugladsU](https://www.facebook.com/POSTMYALOO/videos/1609660559297287/?hc_ref=ARQRpTsRMtjFV2SE7a6VKpaOyw-aL_QVvxQ9W9YwM36lqHap8h6-tPFPiQ65ugladsU)

## Skills

*PROGRAMMING LANGUAGES:* JAVA , C , C# , C++ , PYTHON , JAVASCRIPT , JQUERY , HTML ,XML, PHP, MYSQL.

*SOFTWARES :* UNITY , MATLAB , PSPICE , ANDROID STUDIO , ECLIPSE

## Positions Of Responsibility

### • Student Guide at Counselling Service Team IIT Jodhpur | 2014-15

Student guide works as link between institute and newly joined students. The responsibilities included starting from introducing them to the institute culture, guiding/leading them for all initial works, carrying out orientation programme and ensuring their well being. Each student guide is responsible for guiding/helping 10 students under him.

### • Assistant Coordinator Cult Events Team Ignus 2015

Ignus is inter college socio-technical festival of IIT Jodhpur. I was part of cult events team in ignus 2K15. This team was responsible for maintaining database of all participants, scheduling and execution of cultural events.

### • Head Event Management Team Spandan 2014

Spandan is intra college cultural festival of IIT Jodhpur. I was part of organising team for spandan 2K14. The small team was responsible for making schedule of all events, smooth execution and distribution of goodies/prizes after event completion.

### • Mentor at Music Club IIT Jodhpur | 2016-17

## Achievements

- Represented IIT Jodhpur In Inter IIT sports Meet 2013 held at IIT Guwahati in squash.
- Awarded certificate of merit in physics olympiad 2010 .
- Got Scholarship From Aakash institute in 2011 covering whole tuition fee for IIT JEE preparation .
- Part of Integrals (hard rock/ metal ) band as lead guitarist. Currently have played in 10+ gigs including opening for the local train and KK.