

# Neel Ratan Mani Kukreti

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**Github**-[Neelkukreti](https://github.com/Neelkukreti)

**WebSite**-<https://neelkukreti.github.io>

## EDUCATION

### JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

Bachelor of Technology  
in computer science Engineering.

Expected Graduation: 2021

CGPA : 7.3/10(Current)

12th CBSE 85% 2016

10th CBSE 95% 2014

## SKILLS

### LANGUAGES:

- C++
- C#
- JAVA
- Python
- ReactJS

### TECHNOLOGIES:

- Unity Engine
- Augmented Reality
- Virtual Reality
- Android Studio
- GoogleVR
- ARCore
- Vuforia
- React-Native

### CONCEPTS:

- Mobile app development
- Game development
- Extended Reality Development
- Object Oriented Programming

## Positions of responsibility

- Management head Literary Fest JIIT.
- Head of the Editorial Board of Echoes, the College magazine.
- Among the only 10 ASIs for Alexa India.
- Coordinator Developer Student Clubs 2018-2021.
- Student prefect in student council during 11th and 12th standard.
- Captain of DAV Basketball team, runner up in inter DAV games.

## WORK EXPERIENCE

### CO-FOUNDER | [Hovar Labs](#)

- Co-founded a software based startup now acquired by MOC Infotech, primarily focused on enterprise and consumer based solutions in AR/VR.

### Intern | [Elixir Systems](#)

- Worked on various projects with a team including an AR concert simulation , a project on Jio Tesseract platform etc.

### Incubation | [Code5 Pvt Ltd.](#)

- Did a 3 month incubation under Code5. Worked on various Extended reality apps and came up with design schematics of apps and lead the projects to completion.

### Freelance | [Daphnis Labs](#)

- Worked on REST API integration of cash free payment gateway on "Royal Ludo" android app made in Unity.

### Freelance | [Chess Era](#)

- Worked on optimizing memory usage , SQLite issues etc using lazy loading and other optimization techniques.

### Intern | [J&F Projects](#)

- Worked on interior designing projects in Unity Game Engine. Helped in prototype phase of the architectural design , removed bugs.

### ASI | [Amazon Alexa](#)

- Worked under the guidance of the marketing team and developers to teach and produce Alexa skills and related content.

## SELECTED PROJECTS

### Complete Portfolio- ([Link](#))

### Wecare- MR ([Link](#))

8+ application suite for targeting and helping with various mental health care challenges, using VR simulations.

### Retail MR

A mixed reality app that helps retail employees and companies to acquire customers by demonstrating their products in extended reality. App also monitors and targets customer behavior and interest using ML.

### COVID-Risk-Tracker ([Link](#))

Progressive Web app for displaying live updates in cases and news for the disease along with a Risk calculator for the user and location tracker for high-risk risk patients.

### Mobile Games ([links](#))

10+ mobile games including a VR zombie shooter and 2D hyper casual games, 2 AR apps currently live on Play store.

### Disease AR Simulation ([Links](#))

An AR app that simulates the spread of various diseases , guided by an artificial intelligence based movement of subjects and real time stats.

### Education MR (AR+VR) ([Link](#))

A suite of 5 applications in MR targeting the education sector by immersive 3D learning, multiplayer AR recognition using photon, a firebase backend with machine learning to calculate the effectiveness.

### BigBazaar

Developed an MVP for Indoor AR navigation system for stores for faster checkouts and in store staff reduction.

## ACHIEVEMENTS

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|---|--------------------|
| • Smart India Hackathon by <a href="#">govt of India"19</a> | Winner (Gov.advt.) |
| • Pitney Bowes International <a href="#">Shipment Hacks</a> | 3rd Rank (Advt.)   |
| • UPES' <a href="#">UHackathon</a> 1.0.                     | Winner             |
| • <a href="#">CFTHacks</a> -hackathon                       | Winner             |
| • <a href="#">HackInII</a> -hackathon                       | Winner             |
| • <a href="#">HackVSIT</a> - 2020                           | Winner             |
| • <a href="#">AR Covid Hackathon</a>                        | Top 5              |

