Mayank Raj

Software Developer

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Education

08/2016 – 05/2020   (*Information Technology*)
B. Tech / Trident Academy of Technology, Bhubaneswar

05/2014 – 04/2016   (*Computer Science*)
Senior Secondary / Delhi Public School, Ranchi

Work Experience

04/2019 – 04/2019   (**Internship**)
Augmentation Engineer / CrispAR, India
- *Improved reliability & latency* significantly by updating the Networking API.
- *Enhanced* the UI & *created multiple* animated short clips for *immersive marketing*.

03/2019 – 04/2019   (**Internship**)
Full-Stack AR Developer / Vkenn Technologies, India
- *Prototyped* over *two* **multi-platform** apps, running on devices like **Android, iPhone** & **iPad**.
- *Implemented* **Vuforia** & **ARCore** SDK along with Google **Firebase** *real-time* authentication & storage.

Skills

- Augmented / Virtual Reality
- Machine Learning / CV
- Game Design / Development
- Internet of Things (*IoT*)
- Programming (*Python, Java, C#, C++*)
- Unity3D (*Android, iOS, Windows*)
- Blender3D (*Modelling, Animation*)
- IDE (*Visual Studio, IntelliJ Idea, Eclipse*)
- Project Management
- Creativity Skills (*UI, UX*)
- Teamwork & Leadership
- Entrepreneurship

Projects

08/2019 – 08/2019   (*Team Project*)
AidXR - *Managed* a team of **4** remotely, to develop an ***Emergency First Aid & Basic Life Support*** training app using ***Augmented Reality***.   URL - **github.com/AgrMayank/AidXR**

10/2018 – 10/2018   (*Self-Project*)
Solar System AR - *Developed* an app for an ***engaging learning experience,*** which *augments* our solar system into our room using **AR**.   URL - **youtu.be/aomUsM1WbCk**

01/2018 – Present   (*Portfolio*)
Blender3D Portfolio - *Designed* **10's** of **3D models** & **animations** over the span of *18 months*.
                    URL - **agrmayank.github.io/#portfolioID**

Achievements & Activities

- *Shortlisted* amongst top **5%** teams in **HackYourReality** hackathon *Phase-I* by *Accenture*.   08/2019
- *Selected* as a **Speaker** & **MWU** (*Made with Unity*) *showcase* at *Unity Day, Pune*.   08/2019
- *Led & managed* a team of **3**, working on **IoT** & **AR** projects at *Cisco thingQbator, TAT*.   02/2019 – 06/2019
- *Launched* an **"e-Commerce website"** using **WordPress, Amazon Affiliate,** etc.   08/2018
- *Engaged* in **AR VR, Blockchain** Workshops at *KIIT E-Summit* 2018.   03/2018 – 03/2018

Certifications

- Handheld AR App Development with Unity (*12/2018*)
- Introduction to Augmented Reality and ARCore (*11/2018*)
- Machine Learning (*11/2018*)
- Complete Python MasterClass (*04/2018*)