Bhubaneswar, India
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MAYANK RAJ

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WORK EXPERIENCE

Microsoft Student Partner   **Microsoft**   **Jan 2020 – Present**
- Helping fellow students grow and learn new skills by leading in the local tech community.

Augmentation Engineer, Intern   **CrispAR, India**   **April 2019**
- Improved reliability and latency significantly by updating the Networking API.
- Enhanced the application UI and created multiple animated short clips for marketing.

Full-Stack AR Developer, Intern   **Vkenn Technologies, India**   **March 2019 – April 2019**
- Developed two Augmented Reality apps, running on devices like Android, iPhone and iPad.
- Implemented Vuforia and ARCore SDK along with Google Firebase real-time authentication and storage.

EDUCATION

Bachelor of Technology   **Trident Academy of Technology, Bhubaneswar**   **August 2016 – May 2020**
- B.Tech in Information Technology. GPA: 7.92; Pre-final year GPA: 8.6.

Senior Secondary   **Delhi Public School, Ranchi**   **May 2014 – April 2016**
- High School (*+2*) in Computer Science. Percentage: 76.7.

PROJECTS

- **Tri-Netra -** An Augmented Reality based navigation system for Trident Academy of Technology. C#, Unity, Blender.   Source: github.com/AgrMayank/Tri-Netra
- **AidXR -** Developed an Emergency First Aid & Basic Life Support training app using Augmented Reality. C#, Unity, Blender.   Source: github.com/AgrMayank/AidXR
- **Shopping Portal -** Launched an "e-Commerce website" using WordPress, Amazon Affiliate.
- **Watson AI in AR Foundation -** Built an AI Powered AR Character with ARFoundation by implementing IBM Watson AI. C#, Unity, IBM Watson API.   Source: github.com/AgrMayank/Watson-AI-in-ARFoundation
- **Solar System AR -** Developed an app for an engaging learning experience, which augments our solar system into our room using AR. C#, Unity.   Source: github.com/AgrMayank/Solar-System-AR

ACHIEVEMENTS AND ACTIVITIES

- Selected as a Speaker and Made With Unity (MWC) showcase for "Foggy Forest" at Unity Day, Pune.
- Shortlisted amongst the top 5% teams in HackYourReality hackathon Phase-I by Accenture.
- Managed a spider-bot project on IoT with Augmented Reality at Cisco thingQbator, TAT.
- An active member of Google Developer Group, Bhubaneswar.

SKILLS

- **Languages:** Python (*Excellent*); C/C++ (*Proficient*); Java (*Proficient*); C# (*Good*)
- **Technologies:** Augmented / Virtual Reality; Machine Learning; Computer Vision; Game Development
- **Soft Skills:** Project Management; Teamwork; Leadership; Entrepreneurship; Creativity (*UI, UX*)

CERTIFICATIONS

- Introduction to XR: VR, AR, and MR Foundations (*08/2019*)
- Building IoT Applications with Raspi (*04/2019*)
- Handheld AR App Development with Unity (*12/2018*)
- Introduction to Augmented Reality and ARCore (*11/2018*)
- Machine Learning A-Z™: Hands-On Python & R in Data Science (*12/2018*)
- Machine Learning (*11/2018*)
- Complete Python MasterClass (*04/2018*)