



BHARGAV JOSHI

XR DEVELOPER

CONTACT DETAILS

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SUMMARY

XR developer with over 2.5 years of experience creating AR/VR applications in Unity engine. Having built several 3D prototypes utilizing my AR/VR development skills, I would like to further leverage my creativity while building interactive and immersive experiences to bring to life the customer's vision.

KEY SKILLS

Technical skills: Unity, Blender, C#, MS Office, Vuforia, Hololens, Pico, Vive, XR interaction toolkit, Visual studio.

Soft skills: Problem Solving, Stakeholder Engagement, Leadership, Organizational skills, and Time Management.

RELATED WORK EXPERIENCE

SOFTWARE DEVELOPER AT LUCE STIFTUNG

FEB 2022-PRESENT

- Developed 6 VR, 2 AR, and 1 MR applications for training scenarios e.g. Machine safety demo and Machine repair guide.
- Designed and implemented attractive & interactive user interfaces and immersive environments with Unity Engine.
- Collaborated with 3D artists to create and integrate assets & 3D models animations into XR projects.
- Optimized applications for performance and user experience on a variety of headsets (Pico 4, focus 3, Quest 3).
- Conducted user testing, gathered feedback, and iteratively improved XR applications.

INTERNSHIP AND MASTER THESIS AT SIEMENS

FEB 2021-SEPT 2021

- Worked extensively with Hololens to establish communication between the device and the OPC UA server, enabling retrieval of real time data.
- Created a demonstrator application for the Hololens to visualize the movement of the toolpath of a CNC machine tool.

AUTOMATION ENGINEER

JULY 2017-AUG 2018

- Conceptualization and brainstorming with the design team liaising with the customer to design custom conveyor systems.
- Designing & deploying of special purpose machines and conveyor systems for implementing industrial automation, according to the customer requirements.

EDUCATION

MASTER OF SCIENCE IN ROBOTIC SYSTEMS ENGINEERING

RWTH, AACHEN- 2.7 GPA

B.E IN AUTOMATION AND ROBOTICS

B.V.B CET, KLE UNIVERSITY- 8.91 GPA

ACTIVITIES AND INTERESTS

Football, Cooking, Cinema, Hiking, Reading, Traveling.