

EDUCATION

2021
Master of Computer Applications
Mahatma Gandhi University
Kerala, India

2013
Bachelor of Science, Mathematics
Mahatma Gandhi University
Kerala, India

SKILLS

Programming Languages
C#, C++, Python

Game Engines
Unity3D, Unreal engine, Omniverse

XR Tools
Steam VR, Oculus VR, MRTK, AR Core, ARKit, ARFoundation, Vuforia

Multimedia Design
Adobe Photoshop, Adobe XD, Photopea, Blender

Source Control
Git, Unity Collab, Perforce

LANGUAGES

Malayalam : First Language

English : C2
Proficient
German : A1
Beginner

CERTIFICATIONS

Develop, Customize and Publish in Omniverse with Extensions
Issuing Authority – NVIDIA | 28.08.2024
<https://learn.nvidia.com/certificates?id=0dRlbQKITSCFfuZdpbBGLw>

Microsoft Technical Associate: Software Development Fundamentals
Issuing Authority – Microsoft | 11.03.2015
<https://pranavomi.github.io/PHub/MTACertification.pdf>

Unreal Engine (Blueprints)
Issuing Authority – Udemy | 26.07.2020
<https://www.udemy.com/certificate/UC-6d9889ac-c50f-4d1b-9bff-e8ad9062ca4c/>

Complete C# Masterclass
Issuing Authority – Udemy | 25.09.2021
<https://www.udemy.com/certificate/UC-969982a3-3d53-41d1-bbe4-6a9bb190f491/>

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www.linkedin.com/in/pranavvpradeep
<https://pranavomi.github.io/PHub/>

PROFILE

Detail-oriented Extended Reality (XR) Developer with 6+ years of experience creating immersive and interactive experiences using advanced technologies. Proven expertise in XR development, critical decision-making, deadline management, and team leadership. Skilled in delivering innovative solutions to drive company growth and process improvements. Adept at utilizing cutting-edge tools to develop high-quality, performance-optimized applications while ensuring project goals are met efficiently.

EXPERIENCE

umlaut Engineering GmbH - Part of Accenture | Munich, DE

- Eng Digitization & PLM Senior Analyst
04/2023 – Current
 - Designed and implemented cross-platform LAN multiplayer systems in Unreal Engine.
 - Developed VR applications for automobile and aviation clients.
 - Delivered high-quality, immersive experiences tailored to client requirements.
 - Implemented Omniverse extensions to streamline 3D content management workflows.
 - Created optimized 3D models and assets using Blender for immersive applications.
- Participated in XR workshops to adopt emerging technologies and improve team collaboration.

TATA ELXSI Limited | Bangalore, India

- Senior Engineer VR/AR
03/2022 – 03/2023
 - Led Tata ELXSI's Metaverse Project (Multiplayer PC/VR).
 - Created several Oculus Quest virtual reality proof-of-concepts.
 - Supervised execution of project tasks and daily responsibilities.
 - Authored code fixes and upgrades for future patches and releases.
 - Prepared project proposals, case studies, estimations, and reports.
 - Received the Rising Star Award for Outstanding Contribution.

TILTLABS | Trivandrum, India

- Senior Software Engineer
01/2022 – 03/2022
 - Lead developer for a number of XR Simulators and Apps.
 - Worked extensively to develop game concepts and specifications with designers and artists.
 - Resolved technical problems in collaboration with developers, project managers, QA team, and clients.
 - Pre-tested games, completed code reviews, managed documentation and performed other tasks as assigned.
 - Trained and mentored junior developers and engineers.
- Game Developer
07/2018 – 12/2021
 - Developed 2D and 3D mobile apps and games (iOS and Android) based on design concepts.
 - Created Extended Reality Games and Apps for HTC VIVE, Oculus and Hololens.
 - A working knowledge of backend server communication via HTTP/REST APIs.
 - Ensured efficient handling of file I/O processes for asset management and database communication.
 - Wrote clean, clear and well-tested code for various projects.
 - Demonstrated proficiency in multithreading and concurrency to optimize game performance and responsiveness.
 - Knowledgeable about extending editor tools and writing scripts for Unity Editor.
 - Received the Best Employee Award and the Certificate of Appreciation for Exemplary Contribution (2019 and 2020).

Core Integra Consulting Services Pvt Ltd | Mumbai, India

- Operations Executive
07/2016 – 07/2018
 - Deputed at Client - iON Project, Tata Consultancy Services, Kochi
 - The project involved interacting with Clients, Consultants, Government & Private agencies.
 - Prepared project Management reports (Manpower, Inventory, Cost, & Training).
 - IT Administration & Network setup as per Customer requirements.
 - Point of contact for Asset management