Pranav V Pradeep

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📍 Bangalore, India

SUMMARY

Detail-orientated Unity XR Developer adept at making critical decisions, managing deadlines, and conducting team reviews. With expertise in analysis and quantitative problem-solving skills, dedicated to company growth and improvements.

PORTFOLIO

https://pranavomi.github.io/PHub/

SKILLS

Programming Languages
C# , C++
Game Engines
Unity3D, Unreal engine
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
Microsoft Tools
Microsoft Office, Teams, Outlook, Excel

LANGUAGES

Malayalam: First Language

English: C2
Proficient

Hindi: B1
Intermediate

EXPERIENCE

03/2022 - Current
TATA ELXSI | Bangalore, India
Senior Engineer VR/AR
https://www.tataelxsi.com/

- Project Lead of Tata ELXSI's Metaverse Project - Multiplayer PC / VR.
- Developed a number of Virtual Reality POCs for Oculus Quest.
- Working closely with artists and animators to optimize the art pipeline.
- Explored AltSpace VR capabilities and built worlds for Oculus Quest.
- Explored and Integrated Web 3 capabilities in Unity using Moralis SDK
- Developed Multiplayer solutions using Photon Network (PUN2) - Multiplayer, Voice chat, Text chat & Private Audio Rooms.
- Assigned tasks to team members and supervised completion of project tasks and daily duties.

07/2018 - 03/2022
TILTLABS | Trivandrum, India
Senior Software Engineer
https://www.tiltlabs.io/

- Lead Developer for several Virtual Reality Apps & Simulators.
- Closely work together with the design team and modeling to discuss Game ideas and specs.
- Researching and integrating emerging XR technologies using Unity and devices along with it.
- Mentor Junior associates and task allocations.
- Create proof-of-concept prototype applications for demonstration and evaluation purposes.
- Developed a number of prototype hyper-casual games.
- Part of NFT Racing game - Developed a custom Dynamic Asset Generator using Unity 3D.
- Experience in using HTTP/REST APIs to communicate with backend server.
- Testing game functionality and theme dynamics.
- Conducted boot camps on Game/VR/AR/MR application development using Unity3D.

07/2016 - 07/2018
CORE INTEGRA CONSULTING SERVICES PVT LTD | Mumbai
Operations Executive
Deputed at Client - iON Project, Tata Consultancy Services, Kochi

- The project involved interacting with Clients, Consultants, Government & Private agencies & Educational Institutes.
- Preparation of Project Management reports (Manpower, Inventory, Cost, and Training).
- IT Administration & Network setup in Educational Institutes as per Customer requirement.
- Point of contact for Asset management.

EDUCATION

2021
Mahatma Gandhi University | Kerala, India
Master of Computer Applications

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

NOTABLE WORKS

Hyper Casual Games (Android)
- Buggies Menace
  https://play.google.com/store/apps/details?id=com.tiltlabs.buggiesmenace2
- Wall Challenge
  https://play.google.com/store/apps/details?id=com.tiltlabs.wallchallenge

AR Apps (iOS & Android)
- AR Wind Turbine - https://vimeo.com/368262516
- AR Car Visualization - https://vimeo.com/368262854
- AR Furniture Demo - https://vimeo.com/368012165
- AR Character Animation - https://vimeo.com/460518793

Mixed Reality App (Hololens)
- Human Anatomy MR - https://vimeo.com/522644836

Mobile Apps (iOS & Android)
- Lifology AR -
  https://play.google.com/store/apps/details?id=com.lifology.lifology
- AYA & PETE.PLAY.LEARN.EXPLORE -
  https://play.google.com/store/apps/details?id=com.ashima.ayaandpete

VR Apps
- VR PPE Selection Scenario - https://vimeo.com/514277658
- VR Engine Assembly - https://vimeo.com/562713191
- VR Interior Visualization - https://vimeo.com/539525597
- VR Smelting Process Foundry - https://vimeo.com/529200229
- Furnace Operation | VR Simulation - https://vimeo.com/500499497

CERTIFICATIONS

- **Microsoft Technical Associate: Software Development Fundamentals**
  Issuing Authority – Microsoft | 11/03/2015
  https://pranavomi.github.io/PHub/MTACertification.pdf
- **Unreal Engine 4 (Blueprints)**
  Issuing Authority – Udemy | 26/07/2020
  https://www.udemy.com/certificate/UC-6d9889ac-c50f-4d1b-9bff-e8ad9062ca4c/
- **Unreal Engine C++ Developer**
  Issuing Authority – Udemy | 11/11/2021
  https://www.udemy.com/certificate/UC-9828340e-2fa1-4744-ade7-3cfcb803ecd4/
- **Complete C# Masterclass**
  Issuing Authority – Udemy | 25/09/2021
  https://www.udemy.com/certificate/UC-969982a3-3d53-41d1-bbe4-6a9bb190f491/