



**Pranav
V Pradeep**

Date of birth: 06/06/1992


Nationality: Indian


Gender: Male

CONTACT

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WORK EXPERIENCE

14/03/2022 – CURRENT – Bangalore, India

Senior Engineer

TATA ELXSI

Responsibilities

- 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
- Assigned tasks to team members and supervised completion of project tasks and daily duties.

Notable Works

- Metaverse VR / PC Multiplayer application with user Avatar Selection,
- Used Photon Network (PUN2) for Multiplayer, Voice chat, Text chat & Private Audio Rooms.
- Web 3 integrated with Moralis Unity SDK

Website <https://www.tataelxsi.com/>

12/07/2018 – 10/03/2022 – Trivandrum, India

Senior Software Engineer

TILTLABS

Responsibilities

- Lead the development of several Virtual Reality Apps & Simulators.
- Closely work together with the design team and modelling 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 Unity engine

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 (HTC VIVE)
 - 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>

Website <https://tiltllabs.io/>

04/07/2016 – 09/07/2018 – Kochi, India

Operations Executive

CORE INTEGRA CONSULTING SERVICES PVT LTD

Deputed at Client - iON Project, Tata Consultancy Services

Responsibilities

- Project involved in 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 AND TRAINING

01/07/2013 – 01/05/2016 – Kerala, India

Master of Computer Applications

Mahatma Gandhi University

Address Kerala, India | Website <https://www.mgu.ac.in/> | Field of study Computer Applications | Final grade 61.2%

01/06/2010 – 30/04/2013 – Kerala, India

Bachelor of Science

Mahatma Gandhi University

Address Kerala, India | Website <https://www.mgu.ac.in/> | Field of study Mathematics | Final grade 53.5%

LANGUAGE SKILLS

MOTHER TONGUE(S): Malayalam

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C2

Spoken production
C2

Spoken interaction
C2

Writing
C2

DIGITAL SKILLS

My Digital Skills

Programming Languages

C# / C++

Game Engines

Unity3D Game Engine / 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

IDEs

Visual Studio / Visual Studio Code / JetBrains Rider

CERTIFICATIONS

11/03/2015

● Microsoft Technical Associate: Software Development Fundamentals

Issuing Authority – Microsoft | Certificate Number – F455-2798

26/07/2020

● Unreal Engine 4 (Blueprints)

Issuing Authority – Udemy

<https://www.udemy.com/certificate/UC-6d9889ac-c50f-4d1b-9bff-e8ad9062ca4c/>

11/11/2021

● Unreal Engine C++ Developer

Issuing Authority – Udemy

<https://www.udemy.com/certificate/UC-9828340e-2fa1-4744-ade7-3cfcb803ecd4/>

25/09/2021

● Complete C# Masterclass

Issuing Authority – Udemy

<https://www.udemy.com/certificate/UC-969982a3-3d53-41d1-bbe4-6a9bb190f491/>