

AYUSH JAIN

CSE JUET Guna 2023

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EXPERIENCE

Developer

Tecnod8

 Sept 2023 – Present  Remote

- Designed advanced Digital Twin for Spot Welding, improving visualization and simulation for process understanding.
- Developed user-friendly UI for a widely used Assessment tool, benefiting over 2000 students.
- Integrated real-time animations into Digital Twin for dynamic insights into spot welding operations.
- Led ASRS Digital Twin creation, optimizing warehouse management with real-time animations.
- Tools & Technologies Used: Javascript, Unity, Blender, Figma, NextJS.

3D Artist

TechXR Innovations Private Limited

 May 2023 – June 2023  Bhopal, MP

- Designed innovative educational models integrating animational concepts to enhance student's comprehension of complex subjects.
- Utilized Unity game engine to design and deploy educational models with animational concepts tailored for VR headset experiences.
- Improved visual quality & engagement by enhancing graphics and animations within the Unity environment.
- Tools & Technologies Used: Blender, Unity, Substance Painter, Photoshop.

EDUCATION

B.Tech in Computer Science & Engineering

Jaypee University of Engineering Technology

 CGPA: 9.0  JUET-2023

Senior Secondary Examination ISC - Class XII

St. George's College

 Percentage: 93.0%  ISC-2019

Higher Secondary Examination ICSE - Class X

St. George's College

 ICSE: 89.8%  CBSE-2016

EXTRA CURRICULARS

Youtube (Graphic Utopia - 200+ Subs) - 3D modelling & Animation

- Teaching about Blender, Animation & Lighting setup etc.

Fitness

- Committed to maintaining physical fitness & well-being.

POSITION OF RESPONSIBILITY

Core Designing Member - DEQUINOX'23

- Organized & Managed all Designing Activities.

Advisor- VR AR MR@JUET - 23

- Organized, Managed meetings & workspace for all Activities.

TECHNICAL SKILLS

- Programming Languages: Java, C, C++ (Competitive Programming), Python, JavaScript
- Data Structures & Algorithm
- Object Oriented Programming & MySQL
- Designing Tools: Blender, Illustrator, Substance Painter, Photoshop, CorelDraw, Premier Pro
- Development: HTML, CSS, Angular & Unity

ACHIEVEMENTS

- Developed Digital Twin Simulation for Tecnod8 - 2024
- Offered DSE role in Infosys - 2023
- Elevated VR/AR/MR@JUET Club to a premier position at the university's Technical Festival
- Secured 3rd Position in University Hackathon - 2021
- Participated in various Contest & Hackathon - 2019-2024
- District Basketball player

CODING PROFILE


Leetcode - Ayyushhh

Hackerrank - ayushjain820420

Codechef - ayyushhh14

PROJECTS

Personal Portfolio

- Developed & implemented a personal portfolio website to showcase skills, projects, and achievements, serving as an online professional presence.
- The project serves as a centralized platform for potential employers and collaborators to assess skills and previous work.
- The project has enhanced my digital presence and provided a tangible representation of my capabilities to potential clients and employers.
- Technologies used - HTML, CSS, JavaScript, Bootstrap.
-  Ayyushhh/Portfolio

Navigex - AR-Based Navigation System

- Utilized shortest path algorithms to determine and display the most efficient route within the AR interface.
- Enhanced user experience through simplicity, allowing users to easily navigate complex college layouts.
- Improved campus navigation efficiency, particularly beneficial for new students and visitors.
- Technologies used - HTML, CSS, JavaScript, Bootstrap.