YASHWANTH M S

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EDUCATION

Vidya Vikas Institute of Engineering and Technology (VVIET)
Bachelor of Engineering, Computer Science and Engineering | June 2021 | CGPA 8.1/10

Sacred Heart PU College
XII State Board, Karnataka Board | April 2017 | Percentage 83.5%

Saint Mary's English Medium High School
X State Board, Karnataka | June 2015 | Percentage 77.12 %

WORK EXPERIENCE

HoloWorld (Kaaya Virtualization Tech) **Aug 2021 - Present**
UI/UX Developer *Karnataka, India*

- As an UI/UX developer, developed intuitive user interfaces for a variety of platforms including AR,VR, Unity PC and Web applications utilizing industry-leading tools and technologies such as Unity, Figma, and Adobe to create visually stunning and immersive experiences.
- Played a key role in integrating UI elements with backend systems, ensuring smooth communication and data flow between front-end and back-end components. Collaborated closely with cross-functional teams including designers, developers, and product managers to conceptualize and implement user-centric designs.
- Conducted user research and usability testing to gather feedback and iterate on interface designs, ensuring optimal user experiences across platforms. Optimized UI performance for AR/VR/PC applications, considering factors such as frame rate, latency, and interaction mechanics.

Tequed Labs **Jan 2019 - March 2019**
Machine Learning Intern *Karnataka, India*

- Developed and implemented machine learning models for face recognition and hand digit classification projects, leveraging Python and popular libraries such as Tensor Flow and OpenCV.
- Designed and trained convolutional neural networks (CNNs) for face recognition tasks, utilizing techniques such as transfer learning to improve model generalization and robustness.
- Collaborated with senior researchers and engineers to refine project objectives, troubleshoot issues, and iterate on model designs, ensuring alignment with project goals and requirements.

PROJECTS

Holoworld Company Portfolio Website | HTML, CSS, JavaScript, React.JS, MongoDB, Express.JS, Node.JS

- A bespoke website tailored for Holoworld, a pioneering metaverse company.It serves as a dynamic showcase of their projects and services, offering an immersive experience for visitors.
- From showcasing past projects to highlighting team members and company achievements, Holoworld serves as a powerful tool for building the company's online presence and attracting potential clients and partners.
- With interactive features and rich multimedia content, it offers a seamless browsing experience, inviting users to explore Holoworld's innovative ventures in the metaverse industry.

Agri Metaverse Website | HTML, CSS, JavaScript, React.JS, MongoDB, Express.JS, Node.JS

- Agri Metaverse is a cutting-edge website developed for Tamil Nadu Agricultural University (TNAU), designed to revolutionize user interaction and data visualization within Unity applications across AR, VR, and PC platforms.
- Leveraging advanced technologies, including Histogram charts, lines, and pie charts, Agri Metaverse offers a seamless experience for organization to track and analyze the student's activities within immersive environments.
- This innovative platform represents a significant advancement in agricultural data visualization, empowering users to harness the power of Unity applications for optimized outcomes in agricultural contexts.

Tractor Hitching Training Application | Unity3D, DoozyUI, DoTween, Unity Animations, LeanTouch, Unity Scripting API

- Tractor Hitching is a dynamic Unity application developed exclusively for Tamil Nadu Agricultural University (TNAU), offering comprehensive training in tractor hitching techniques through immersive AR, VR, and PC environments.
- Powered by Unity Engine UI, the application features a user-friendly interface encompassing essential functionalities such as login, registration, theory mode, training mode, practice mode, and evaluation mode. Leveraging Unity's scripting API, the application ensures smooth integration from frontend to backend.
- Leveraging interactive animations, Tractor Hitching facilitates engaging and effective learning experiences, enabling students to master tractor hitching procedures with precision and confidence.

SKILLS

- **Platforms:** Metaverse, Web, and Linux
- **Languages:** HTML, CSS, JavaScript, C++, C#, Python
- **Other**: ARCore, Git, Unity3D
- **Frontend:** React.js, Bootstrap, DOM, jQuery
- **Backend:** Node.js, Express.js, EJS
- **Databases:** MySQL, PostgreSQL, MongoDB, AWS