

PRASANNA E

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Work Experience

Wise Work

Associate Software Engineer

Bangalore, Karnataka

Nov 2023 - May 2024

- Integrated data from MongoDB to Unreal Engine for dynamic content.
- Developed 3D Metaverse classes and VR applications.
- Developed dynamic courses on various topics in Unreal Engine, retrieving content from MongoDB.
- Built an Android application for virtual reality headsets using Unreal Engine and Android Studio.
- Implemented Azure Git for project backups and version control.

Hue Learn

Research Associate

Bangalore, Karnataka

Jul 2022 - Nov 2023

- Developed Game environments with the help of Blender and Unreal Engine which mainly includes immersive landscapes
- Collaborated with educational experts to design course content and structure for maximum impact.
- Focused on creating interactive and visually appealing educational content for better user experience.
- Assisted in research and development of innovative learning tools and techniques.
- Developed user courses on topics such as blockchain, IoT, and AI for educational platforms.

Projects

Project Name 1 | Agricultural Website -Frontend

- Implemented dynamic content management: Utilized React's useState and useEffect hooks for dynamic content updates, including animated number counters and responsive product galleries..
- Designed Interactive UI: Integrated advanced CSS animations and responsive layouts to enhance user experience across all pages, including home, about, products, gallery, and contact.
- Utilized React-Router for Navigation: Implemented client-side routing with react-router-dom to manage seamless navigation between different sections of the website..
- Enhanced Accessibility and Performance: Ensured the site's accessibility with semantic HTML and ARIA attributes, optimized performance with lazy loading and code splitting techniques, and managed styles using Tailwind CSS and custom CSS.

Project Name 2 | Pet Adoption Platform-Frontend

- Developed a Pet Adoption Platform using React, Tailwind CSS, and JavaScript, featuring dynamic routing with React Router to create a seamless navigation experience across multiple pages.
- Implemented responsive design with Tailwind CSS, ensuring a mobile-friendly interface that adapts to various screen sizes, enhancing user experience on both desktop and mobile devices
- Integrated local state management with React's useState and useEffect hooks to manage user profile data and pet information, allowing for real-time updates and seamless interaction.
- Developed a login page with a simplified sign-in flow, allowing users to navigate to the home page upon entering their email and password, without full authentication.

Skills

- . Python
- . JavaScript, HTML, CSS, React JS
- . Unreal Engine, Blender, XR Engine
- . Technical Writing, Technical Documentation
- . SEO Optimization, Research Skills

Education

Bannari Amman Institute of Technology

Bachelor of Engineering in Computer Science

Erode, TN

2019-2023