

PRASANNA E

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Work Experience

K Labs

Chennai, Tamil Nadu

Frontend Developer

Sep 2024 - Present

- Developed QR-based verification system for Greater Chennai Traffic Police to access citizen emergency information and medical alerts
- Built comprehensive land survey platform for Tamil Nadu Government with dynamic form system for surveyors to document land patterns
- Created responsive e-commerce platform for Tamil Nadu Scouts and Guides with organization features and product management
- Built mobile-first web applications using React.js and Tailwind CSS, integrating REST APIs for data management
- Collaborated with backend teams to ensure smooth data handling and real-time updates for government projects

Wise Work

Bangalore, Karnataka

Associate Software Engineer

Nov 2023 - May 2024

- Developed 3D Metaverse applications with MongoDB integration using Unreal Engine for interactive user experiences
- Created multiplayer features supporting real-time user interactions in virtual environments
- Built and deployed Android VR applications using Unreal Engine and Android Studio
- Implemented database systems for efficient storage and management of virtual world data
- Managed version control and project backups using Azure Git for team collaboration
- Created interactive course content with real-time data integration between MongoDB and Unreal Engine

Hue Learn

Bangalore, Karnataka

Research Associate

Jul 2022 - Nov 2023

- Designed and developed 3D educational environments using Blender and Unreal Engine for learning platforms
- Created comprehensive course content on blockchain, IoT, and AI technologies for students
- Added interactive elements to learning modules to increase student engagement
- Led a team of content developers to create mobile learning materials
- Developed virtual laboratory experiments for practical technology training
- Contributed to research projects focused on improving educational tools and learning methods

Skills

- . **Programming Languages:** Python, JavaScript
- . **Web Technologies:** HTML5, CSS3, React.js
- . **3D XR Development:** Unreal Engine, Blender, XR Engine
- . **Technical Communication:** Documentation, Technical Writing
- . **Digital Marketing:** SEO Optimization, Analytics

Education

Bannari Amman Institute of Technology

Bachelor of Engineering in Computer Science

Erode, TN

2019-2023