PONKAVIN R

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OBJECTIVE

Passionate Information Systems student with expertise in MERN stack and Unity game development. Skilled in building dynamic web apps and immersive games using React, Node.js, and C#. Committed to clean code, user-centric design, and continuous learning. Eager to contribute to innovative teams and cutting-edge projects.

SKILLS

Technical Skills:

- System Administration: OS Configuration (Windows & Linux), System Maintenance, User Support, Driver Updates, Troubleshooting Hardware & Software
- Web Development: HTML, CSS, React.js, Express.js, Node.js Tailwind CSS, Responsive Design, Component-Based Architecture
- Database Management: MongoDB (CRUD Operations), Data Analytics, Customer Analytics
  Tools & Technologies: Git, Visual Studio Code, Android Studio, Unity, Cloudinary, Stripe API

Soft Skills:

Analytical & Problem-Solving: Customer Dropout Analysis, Data-Driven Decision Making, Troubleshooting Complex Issues
Collaboration & Teamwork: Cross-Team Collaboration, Client Communication
Communication: Strong Written & Verbal Communication, Client Interaction, Customer Support

PROFESSIONAL EXPERIENCE

<u>System Administrator</u> (Intern):
AMD, India
June 2024 – Present

Configured Windows and Linux operating systems to ensure optimal performance and user experience.
Handled driver updates and hardware/software troubleshooting, improving system stability by 30%.
Provided technical support for 200+ users, resolving system issues and minimizing downtime.

<u>Freelance Web Developer</u>:
Doodle Dreams (Remote)
April 2024 – May 2024

Developed a dynamic website for the Doodle Dreams book collection using React.js and Tailwind CSS, improving user interaction and responsiveness.
Designed a mobile-responsive layout, ensuring the site works seamlessly across desktops, tablets, and smartphones.

<u>Web Development & Data Analytics</u> (<u>Intern</u>):
E Sandhai
June 2023 – August 2023

- Built and maintained visually appealing and functional web pages using HTML, CSS, and PHP.

- Conducted a customer dropout analysis, connecting with over 2,000 customers to identify churn reasons.
- Analyzed customer behavior data, resulting in a 15% improvement in customer retention.

PROJECT

Immersive Learning in a Virtual Forest: Crafting an Engaging Educational Experience with Unity VR: Technologies: Unity, VR, C#

- Developed a VR game for school students, immersing them in a virtual forest environment. Optimized for VR headsets, the game enhances interactive learning with dynamic terrains, high-quality textures, and animated wildlife using custom C# scripts.

- Ensured continuous user engagement by integrating interactive elements, preventing monotony, and creating an immersive learning experience that blends technology and nature with the Unity game engine.

<u>Android App</u> <u>Development with Android Studio</u>:

Technologies: Android Studio, Java

Designed and developed mobile apps using Android Studio with Java and Kotlin. Created engaging UI/UX experiences using layout editors, resource management tools, and custom designs, ensuring an intuitive interface and seamless user experience.

Tested and deployed apps with unit testing, automated UI testing, and debugging tools. Generated APKs for distribution and published apps to the Google Play Store, utilizing Android Studio's deployment tools and integrated version control for smooth app management.

ACADEMIC QUALIFICATIONS

Bachelor of Science (Information Technology) | Kongu Engineering College, Perundurai | August 2022 - July 2025 | 8.52CGPA.

Class 12th (HSC) | Shanthi Nikethan Higher Secondary School, Erode | June 2020 - April 2022 | 87%.
Class 10th (SSLC) | Shanthi Nikethan Higher Secondary School, Erode | June 2019 - April 2020 | 74.8%.

ACHIEVEMENTS

Received the Best Student Co-Curricular Award at Kongu Engineering College Annual Day Function.
Awarded third prize in a college-level Ideathon for a concept on agriculture supply chain management.

COURSE COMPLETED

- Completed a course in AR/VR using Unity Engine software.

- Completed a course in MongoDB for SQL Experts.

- Completed the 30-day Master Class in Full Stack Development conducted by Novi Tech R&D Private.

- Completed a course in Learning PowerShell.