Nishtha Singh

Noida, Uttar Pradesh | riyanishtha@gmail.com | 9910349770 | LinkedIn | Github

PROFESSIONAL SUMMARY

Passionate Software Developer with expertise in Python, React.js, and web development. Driven to create innovative websites and software that solve real-life challenges. Confident, optimistic, and dedicated to making a meaningful impact through technology.

WORK EXPERIENCE

Probability Gaming, Goa - Software Developer   July 2023 - Present

- Developed and optimized the front-end of interactive games using JavaScript and Pixi.js, resulting in a 40% improvement in user engagement and a smooth, lag-free experience across platforms.
- Designed and implemented game components in Unity for the 'Flip the Bottle' game, leading to a 20% increase in user retention through innovative movement mechanics and dynamic level progression.
- Collaborated with cross-functional teams to deliver polished front-end features for the game, contributing to a 30% reduction in development time which enhanced the overall player experience.

EDUCATION

B.Tech, Vellore Institute of Technology, Vellore   July 2019 - 23

- Major in Computer Science and Engineering with 8.51 CGPA

XII, Delhi Public School, Ghaziabad   2018 - 2019

PROJECTS

Easy Learning Platform using React   Present

- Developing a personalized, self-paced learning platform with integrated community features and tools like Google Classroom and Notion for effective progress tracking.

SonicNish - Music website   2024 - ongoing

- Enhanced Technical Expertise - Progressed from building "Guess My Fav Song" with HTML, CSS, and JavaScript to developing "SonicNish" using React and Bootstrap, showcasing growth in modern web development frameworks and UI design.
- Advanced from static content to dynamic functionality by integrating the Spotify Web API via NoCodeAPI, enabling real-time music search and playback in "SonicNish"

Amazon E-commerce Website with Enhanced Delivery System   2022 - 2023

- Secure E-commerce Platform - Designed a React.js-based website with ML-powered facial recognition and Firebase authentication to prevent order cancellations and ensure secure deliveries.
- Enhanced Customer Experience - Used TensorFlow for emotion-based review analysis to optimize service quality and improve user satisfaction.

SKILLS

- **Programming Languages** - Python, HTML, CSS, Javascript, React JS, SQL, DBMS
- **Tools** - MySQL, VSCode, Firebase, Jupyter Notebook
- **Soft Skills** - Adaptability, Problem Solving, Critical Thinking, Creativity

CERTIFICATIONS

Full Stack Web Development