

# Nishtha Singh

Frontend Developer | React.js | JavaScript | Game UI | Open to Full-Stack Roles

Noida, Uttar Pradesh

[riyanishtha@gmail.com](mailto:riyanishtha@gmail.com) | +91-9910349770

[linkedin.com/in/nishtha-singh](https://linkedin.com/in/nishtha-singh) | [github.com/NishthaSingh7](https://github.com/NishthaSingh7)

## Summary

Frontend Developer with 2 years of experience building responsive and interactive web applications using JavaScript and React.js. Skilled in crafting seamless user experiences with clean UI design and optimized performance. Proficient in full-stack development, RESTful API integration, and version control (Git). Currently developing AI-driven dashboards with Firebase & OpenAI APIs to deliver personalized insights based on user behavior patterns.

## Experience

### Probability Gaming, Goa

Jul 2023 – Present

*Software Developer*

- Directed and launched 5+ casino and casual games using JavaScript and PixiJS, boosting user engagement by 30%.
- Modularized game logic into reusable PixiJS components, reducing development time by 25%.
- Optimized "Flip the Bottle" gameplay in Unity (C#), cutting memory usage by 15% across devices.
- Collaborated in Agile sprints with cross-functional teams to release 3 UI feature rollouts.
- Used Git for version control, resolving merge conflicts and improving collaboration efficiency.

### Outlier AI

2024

*AI Training Freelancer*

- Refined and tested prompt frameworks that improved LLM-generated responses for accuracy and context by 25%.
- Documented model training steps and helped test AI output quality using structured prompt-response analysis, resulting in a 20% improvement in response accuracy.

## Education

### Vellore Institute of Technology, Vellore

Jul 2019 – 2023

B.Tech in Computer Science and Engineering

CGPA: 8.51

### Delhi Public School, Ghaziabad

2018 – 2019

Senior Secondary (Class XII)

## Technical Projects

### Reactive Minds – Interactive React Playground

Present

Modernised a React-based learning portal featuring gamified tools and challenges. Encouraged UI experimentation via mini React puzzles and custom component logic demos.

### DailyDopamine – AI-Powered Motivation Website

Present

Built a full-stack platform for behavioral tracking and personalized motivation using OpenAI, Firebase, and real-time sentiment analysis. Designed responsive layouts and analytics dashboards.

### FaceRecognition Personalized using TensorFlow – Browser-Based ML Facial Auth

2023

Developed a facial recognition-based authentication app using face-api.js and TensorFlow models in the browser. Implemented live age, gender, and emotion detection with facial landmark tracking and identity verification to simulate secure login. Integrated lightweight pre-trained models for real-time user recognition and validation.

### Amazon Clone with Enhanced Delivery

2022 – 2023

Built an e-commerce platform using React.js, Firebase, and TensorFlow with facial recognition login and sentiment-based review analysis. Achieved 80% accuracy in facial validation. Introduced **Snap Track**, a secure delivery system with real-time identity checks and handover logging via facial recognition.

## Technical Skills

**Frontend:** React.js, HTML, CSS, PixiJS

**Backend:** Firebase, MongoDB

**Languages:** JavaScript, Python, SQL

**Tools:** Git, VSCode, Jupyter Notebook

**Concepts:** System Design, REST APIs, Agile, Prompt Engineering, Dynamic Programming

## Achievements & Highlights

- Maintained a GitHub portfolio with 10+ public repositories on web apps, AI tools, and JS mini-games.
- Contributed to open-source React projects and explored prompt engineering with LLM APIs.
- Built a personal productivity tracker using React JS and Firebase with gamified daily goals.

## Certifications

Certified in Full Stack Web Development (HTML, CSS, JavaScript, Node.js) — Udemy