

DINESH KUMAR S

GAME DEVELOPER | FRONTEND DEVELOPER | iGAMING

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SUMMARY

Game and Frontend Developer with 2.5+ years of experience building HTML5 casino games (slots, table games, and crash games) and responsive web applications. Skilled in PixiJS, GSAP, Spine animations, JavaScript, and TypeScript, with hands-on experience in game logic, win and bonus flows, and internal developer tools. Recently built and published two playable demo games, a Crash game and a Keno game, each in 5 days.

TECHNICAL SKILLS

Programming: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: Responsive Web Design, Bootstrap, Cross-Device & Cross-Browser Compatibility, Component-Based UI Architecture

Game Development: PixiJS, GSAP, Spine (pixi-spine), Tweening, Timeline Animation, Game State Machines, Reward/Bonus Systems, Crash Game Mechanics (Multiplier & Cash-Out Logic), Keno Game Logic, Paytables, SVG Animation, Web Audio API

Concepts: Performance Optimization, Scalable Architecture, Game Logic Design

Tools: VS Code, Chrome DevTools, GitHub, npm

AI-Assisted Development: Claude, ChatGPT, OpenAI Codex

WORK EXPERIENCE

Game Developer / Frontend Developer

Jan 2024 – Aug 2026

OliveMultimedia, Chennai, Tamil Nadu

Game Development (iGaming)

- Contributed to the development of multiple casino games (Slots, Roulette, Card Games, Scratch Cards, Plinko, Video Poker, Crash Games) using PixiJS and JavaScript, supporting both portrait and landscape layouts.
- Developed bonus game features, including free spin sequences, bonus rounds, and win celebration screens.
- Built background animations and visual effects (particles, glows, transitions) to enhance gameplay and player engagement.
- Implemented sound integration for game events, including spins, wins, bonus triggers, and background music, synchronized with gameplay states.
- Integrated Spine animations for win, bonus, and idle states, synchronized with GSAP timelines for smooth transitions.
- Worked on Crash game features, including multiplier curve visuals and animation updates using PixiJS and GSAP.
- Collaborated with the team on UI components such as popups, settings menus, and game controls across multiple titles.
- Supported asset optimization using texture atlases and sprite sheets to improve game load performance.

Internal Tools & Frontend Development

- Created a Spine Animation Preview Tool: developers and animators drop a Spine export into a watch folder, and the tool auto-loads and plays it, showing track name, loop count, and playback options.
- Created 3+ additional internal web tools with dynamic UI and real-time functionality to support production workflows.
- Delivered responsive, cross-device (mobile/tablet/desktop) frontend applications using HTML5, CSS3, Bootstrap, JavaScript, and TypeScript, with reusable, modular component architecture.

AI-Assisted Development

- Used Claude, ChatGPT, and OpenAI Codex daily to debug game state machines and UI components, optimize code, and speed up feature development.

PROJECTS

Paper Plane Crash | Crash Game *Built in 5 days*

Play Live: dineshkumar-developer.github.io/paper-plane-crash

- **About:** A crash-style game: the player places a bet (virtual credits), the paper plane takes off, and the multiplier keeps rising. Cash out before the plane crashes to win bet x multiplier.
- **Tech Used:** PixiJS, GSAP, JavaScript (ES6+), HTML5, CSS3, Web Audio API, GitHub Pages.
- **Key Features:** Plane control with mouse, touch, and keyboard; obstacles and bonus pickups; 5 locations and 4 weather effects; animated intro; bet panel, settings, stats, and saved progress. Responsive on mobile, tablet, and desktop in portrait and landscape.

Lucky Keno | Keno Game *Built in 5 days*

Play Live: dineshkumar-developer.github.io/LuckyKeno

- **About:** A Keno number game: the player picks up to 10 numbers from 80, 20 balls are drawn, and the win depends on how many numbers match. Designed with a hand-drawn sketchbook theme.
- **Tech Used:** TypeScript, GSAP, SVG, Vite, HTML5, CSS3, Web Audio API, GitHub Pages.
- **Key Features:** Animated number draw, payable, cash-out option during the draw, Buy Feature, win celebrations, round history, collectible stickers, turbo mode, and settings. Responsive on mobile, tablet, and desktop.

EDUCATION

Diploma in Computer Engineering

2020 – 2023

Ramakrishna Mission Polytechnic College, Chennai | Percentage: 84%

LANGUAGES

Tamil, English