Narsun Studios — Company Profile for Retrieval Augmented Generation (RAG)

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1. Company Overview

Company Name: Narsun Studios
Founded: 2025
Headquarters: Karachi, Pakistan
Core Mission: To deliver immersive, cutting-edge interactive experiences across 2D, 3D, and Unreal Engine platforms, while pioneering Web3, mobile & desktop applications, and AI-driven game mechanics.

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2. Vision & Values

- **Vision:** To become a globally recognized gaming and interactive-media studio that seamlessly blends artistry, innovation, and emerging technologies.
- **Values:** Creativity, Technical Excellence, Player-Centric Design, Continuous Learning, Collaboration.

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3. Core Competencies

1. **Game Development:**
2. **2D Games:** Hand-painted art, sprite animation, pixel art, UI/UX design.
3. **3D Games:** Real-time rendering, physics simulation, skeletal animation, PBR materials.

4. **Unreal Engine Renders:** High-fidelity visuals, cinematic sequences, advanced lighting (Lumen), Nanite geometry.

5. **Web3 Integration:**

6. Smart contracts (Solidity/Ethereum, Solidity/Polygon).
7. NFTs for in-game assets.

8. Decentralized marketplaces and tokenomics design.

9. **Application Development:**

10. **Mobile Apps:** iOS (Swift), Android (Kotlin), cross-platform (Unity, Flutter).
11. **Desktop Apps:** Windows/Mac/Linux (C++, C#, Electron).

12. **Web Portals:** React.js, Next.js, Node.js, GraphQL.

13. **AI & Machine Learning:**

14. Procedural content generation (levels, textures).

15. Player behavior analytics and adaptive difficulty.
16. NPCs with reinforcement learning and natural language dialog.

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4. Technology Stack

Domain	Primary Tools & Frameworks
2D Art & Animation	Photoshop, Aseprite, Spine, Tiled
3D Modeling & Rigs	Blender, Maya, 3ds Max, ZBrush
Game Engines	Unity, Unreal Engine 5
Rendering	Unreal Lumen & Nanite, Unity URP/HDRP
Web3 / Blockchain	Ethereum, Polygon, Solidity, Hardhat, OpenZeppelin
Mobile Frameworks	Unity, Unreal Mobile, Flutter, React Native
Desktop Frameworks	C#, .NET, Electron
Backend & Web	Node.js, Express, NestJS, GraphQL, PostgreSQL, MongoDB
AI / ML	Python, PyTorch, TensorFlow, Stable Diffusion, custom RL
Infrastructure	AWS, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins)

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5. Sample Projects

A. "NeoVerse Chronicles" (Unreal Engine 5)
- Genre: Sci-fi open-world RPG.
- Features: Dynamic weather & day/night cycle, cinematic cutscenes with Sequencer.
- Highlights: Procedural terrain + AI-driven NPC interactions.

B. "Pixel Quest" (Unity 2D Mobile)
- Genre: Retro platformer with hand-drawn art.
- Features: Online leaderboards, in-game NFT collectibles.
- Highlights: Web3 wallet integration (MetaMask mobile).

C. "CryptoKart" (Web3 Racing)
- Genre: Multiplayer kart-racing.
- Features: Token-based rewards system, NFT car marketplace.
- Highlights: Smart contracts for reward distribution; gas-optimized Solidity code.

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6. Development Process & Workflow

1. **Discovery & Concept:** Requirements gathering, market research, concept art.
2. **Pre-Production:** Technical design docs, prototypes, proof-of-concepts.
3. **Production:** Agile sprints, asset creation, coding, iteration.
4. **Testing:** Automated unit tests, QA playtests, performance profiling.
5. **Deployment & Maintenance:** App store submission, server deployment, live-ops.

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7. Team & Expertise

- **Creative Director:** 12+ yrs in AAA and indie titles.
- **Technical Lead:** Unreal and Unity specialist with 10+ years.
- **Blockchain Engineer:** Solidity auditor, tokenomics designer.
- **AI Researcher:** Specialist in procedural generation and RL.
- **Artists & Animators:** 2D pixel artists, 3D modelers, animators.
- **Full-Stack Developers:** Front-end and back-end experts.

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8. Partnerships & Alliances

- Collaboration with top-tier blockchain labs for security audits.
- Ecosystem partners for cross-platform publishers and distributors.
- Academic partnerships for AI research and internships.

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9. Contact & Engagement

- **Website:** www.narsunstudios.com
- **Email:** contact@narsunstudios.com
- **LinkedIn:** linkedin.com/company/narsun-studios
- **Twitter/X:** @NarsunStudios

Document prepared for Retrieval Augmented Generation (RAG) ingestion — structured for easy chunking and search.