

Shahryar Saqib

AI Tooling for Games / Generative Systems

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linkedin.com/in/shahryarsaqib · github.com/sabreking · Symphorix on Steam
Portfolio: ontriggerjoy.com/portfolio · Online resume: placid-incense-qxe4.here.now



SUMMARY

Headline AI work: an **AI game-prototyping pipeline for Unity** (Cursor + Unity MCP, schema-validated GDD manifests, human play gate) that turns a GDD into a validated manifest and scaffold. Unity technical leader exploring **AI tooling and generative systems for games**—honest framing, not pure ML research. **15 years** of Unity/C# experience across procedural content generation, music-driven generative gameplay, game AI (state machines, decision trees, neural nets for games), and applied LLM/automation in production contexts. Shipped Symphorix's generative combat systems; led PCG pipelines at Genopets; delivered ASR + AI-review EdTech features on Gamerize.

FEATURED PROJECT

AI game-prototyping pipeline for Unity

I built an AI game-prototyping system for Unity at ApexLogics. A 26-section GDD becomes a JSON-schema-validated manifest; a staged Cursor + Unity MCP agent scaffolds and greyboxes the game, stops at a human play gate ("is it fun?"), then adds presentation, and deterministic Editor audit tools check the result. GDD to validated manifest and scaffold on one prototype; 20 of 22 acceptance tests passed at handoff; 5 prototypes run through it. Gemini listens to every generated sound for QA. Its rules and guides were adopted into live production games.

Pipeline: 01 26-section GDD → 02 Schema-validated manifest → 03 Staged Cursor + Unity MCP agent → 04 Human play gate → 05 Deterministic audit → 06 Playable scaffold

- GDD →** validated manifest and scaffold
- 20 / 22** acceptance tests passed at handoff
- 5** prototypes run through the pipeline
- 3** max QA cycles per generated asset

SHIPPED ON GOOGLE PLAY

- Dino Hunter 3D: Shooting Games:** 10M+ installs on Google Play. Game Producer at ApexLogics, shipping live updates.
<https://play.google.com/store/apps/details?id=com.apex.dinohunter.adventuregame.jusassic3d>
- Bus Driving Simulator Game USA:** 100K+ installs on Google Play. Game Producer at ApexLogics: core systems, performance and crash fixes; load time cut from over 28s to under 7s.
<https://play.google.com/store/apps/details?id=com.novex.real.bus.simulator.driving.games>
- Nail Salon 3D (Lion Studios):** 10M+ installs on Google Play. Worked as senior developer at Tintash.
<https://play.google.com/store/apps/details?id=com.tintash.nailsalon>

SKILLS

Engine: Unity 6 · C#

AI tooling: Cursor · Unity MCP agents · Gemini · LLM pipelines · ComfyUI

Rendering: URP · Shader Graph · VFX Graph

Platforms: Steam (PC) · Google Play (Android) · App Store (iOS)

Unity packages: Addressables · Cinemachine · DOTween · ProBuilder · Test Framework · Project Auditor

Services: Firebase · AdMob · Steamworks · Soapbox Labs ASR

Workflow: Git · GitHub · Git LFS · JSON Schema

EXPERIENCE

Game Producer — ApexLogics

Mar 2026 – Oct 2026 · Rawalpindi

- Led production and managed the whole development team, from sprint planning to release.
- Built an automated AI pipeline that turns game ideas into playable prototypes.
- Used player analytics to drive fixes that improved progression and retention in live games.
- Wrote 20+ custom shaders across six games.
- Brought AI-assisted workflows and modern source control to the team, and trained the developers.

Founder • Lead Developer • Generative Systems — OnTriggerJoy

Feb 2024 – Present · Punjab, Pakistan · Remote

Founded OnTriggerJoy (academy → studio). Shipped Symphorix as lead engineer/producer. Mentored 14 students historically (C#, design, Agile); now solo, company active.

- Shipped **Symphorix** (Steam EA) — generative music-driven gameplay where procedural beat/note systems drive combat and enemy patterns.
- Built Core-node combat with generative synergies (bass / mid / treble) and custom player audio import in Unity / C#.
- Applied generative systems thinking to replayable content under indie production constraints; all-positive EA ratings.
- Founded OnTriggerJoy (academy→studio); mentored 14 students historically; now solo.

Also in progress (solo, unreleased — light touch): Apples Gone Wild Simulator 2025.

Lead Developer — Procedural / Generative Systems — Monarch / Genopets

Apr 2024 – Sep 2024 · Remote · Genopets (flagship)

- Built procedural generation pipelines for pets and terrains — generative content systems at gameplay scale.
- Authored custom shaders and Unity systems that made generative worlds readable, performant, and distinctive.
- Architected replayable content pipelines integrating procedural techniques with core move-to-play mechanics.

Game Producer / TDE • Generative & Systems Delivery — Tintash

Mar 2020 – Mar 2024 · Lahore · Remote

- Led delivery of **Gamerize Dictionary** (AAS Press) as lead PM + developer — gamified learning with ASR (Soapbox), SRS / AI-guided reviews, and teacher LMS.
- Applied systems thinking across Unity client titles: procedural pipelines, shaders, and maintainable gameplay architecture.
- Worked as senior developer on **Nail Salon 3D**; mentored teams on shipping standards.

Principal Software Engineer → Technology Lead — OZI Technology

Oct 2019 – Mar 2020 · Lahore

- Advanced from Principal Software Engineer to Technology Lead over a six-month engagement.
- Contributed to software delivery and technical leadership in a product engineering environment.

Head of Game Development — UltPult Game Studio

Jan 2017 – Mar 2017 · Lahore

- Created a Unity SDK with reusable algorithms and components that collapsed iteration time from 1+ year to <3 months.
- Trained developers on systems thinking, GDDs, and MDA framework.

Lead Game Developer — Giant Fox Studios

Feb 2016 – Dec 2016 · Lahore / Remote

- Led Unity game development for a remote indie studio under Jaime Fraina.
- Ported *There's Poop In My Soup* to mobile for Jaime's K Bros Games clients (Steam title by K Bros — mobile port credit).

SELECTED PROJECTS

- **Symphorix — Steam Early Access:** Music-driven survivorlike / roguelite. Lead engineer + producer. All-positive ratings. [Store page](#) →
- **Gamerize Dictionary:** Lead PM + developer at Tintash for AAS Press (Japan). Unity EdTech — dictionary, mini-games, ASR, teacher LMS.

EDUCATION

- **MBA — Human Resources Management**, University of Engineering and Technology, Taxila / APCOMS • Fall 2010 – Oct 2012 (degree Dec 2012)
- **BBA (Honours) — Human Resources Management**, National University of Modern Languages / APCOMS • 2006 – 2009

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References on request