

Game Developer | Programmer & Artist

Youbal Lakandri

PROFILE

Programmer with a systems background and an artist's eye. I work in C#, C++ and Python, build in Unity and Godot, mod games, and draw and animate my own assets. My day job, a production ERP, is state machines, concurrency-safe data and gated pipelines: the same problems that sit under game systems.

Experience

- Pharma ERP

2026 - present

[Company], pharma distribution

> Designed a multi-pipeline state machine with parallel gated tracks, enforced by database triggers.

> Built transaction-safe inventory logic (FIFO batches, locking, exact reversals) and an external data sync.

> Shipped 850+ commits on a production system used daily by 16 staff roles.
- Company website

2026 - present

Pharma company

> Led design and SEO structure; after vendor handover, built the Sanity product CMS and ongoing features.

Projects

- CatDash

Godot 4.4 | GDScript | Web export

BCA final project: a 2D pixel-art platformer with hazards, collectibles, parallax levels and mobile touch controls, playable in the browser.
- QuestOS

Next.js | Supabase | anime.js

RPG-styled habit dashboard: quests, XP and a streak heatmap, with real accounts and per-user data isolation.
- Game mods

[Game / engine] | [language]

Modding for [game(s)]: [what the mods do].
- Pharma ERP

Next.js | TypeScript | Supabase | PostgreSQL

Production order/approval ERP for a pharma distributor, with an interactive case study at youbal.dev.

Education

- Master of Computer Applications (MCA)

From 2027

[University / Institute]

Starting next year.
- Bachelor of Computer Applications (BCA)

[Year] - [Year]

[University / College]

Graduated.

CONTACT

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Personal

Born 21 February 2003
Based India

Skills

LANGUAGES

C# | C++ | C | Python | Java |
Assembly | SQL

ENGINES

Godot (GDScript) | Unity | Game
modding

ART

Graphic design | Illustration |
Basic animation | Typography &
layout | Photoshop | CorelDRAW
| Clip Studio Paint

PRACTICE

State machines & system design
| Testing | Version control

Languages

English - fluent
Hindi - spoken
Nepali - spoken
Japanese - basic