GANGJIE PENG

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PERSONAL SUMMARY

I ship with an AI production line: Claude Code / Cursor pipelines built and run a live campus platform plus four indie products. Lecturer, ten years in inhabited space — landscape to BIM and habitat twins. Trimble SketchUp Official Trainer; IEEE ICEACE 2025; 10 national teaching-skill awards.

PROFESSIONAL EXPERIENCE

GUANGXI ECO-ENGINEERING VOCATIONAL & TECHNICAL COLLEGE — LIUZHOU, CHINA

Lecturer, Architectural Decoration · Deputy Chief, Training-Lab Office (Academic Affairs) — **2021.07–Present**

Shixun Platform, a permissioned campus cloud that replaced nested Excel lab ledgers:

- In production since 2026.08: FastAPI + Logto + Turso, 5-role RBAC, 9 colleges, 547 live room pages.
- Cut room archives 947MB to 176MB (353 one-room PDFs rasterized); staff open records on phones.
- Agent-built (Cursor / Claude Code); releases pass my 4-gate check: width, timeline, visual, live URL.

AI Production Line, the toolchain behind everything above — and the 32-hour AI course I teach:

- Daily: Claude Code, Codex CLI, Cursor agents, 10+ MCP servers; own skills (IP ops, icons, voice).
- Deploys automated around blocked git push via GitHub Data API; nightly sync keeps 3 cloud apps current.
- Catch AI errors via acceptance gates: font-subset glyph checks, screenshot false alarms, CRLF traps.

Teaching, Grants & Field Tools, competitions, research, and tools shipped to the field:

- National 1st ×1, 2nd ×5, 3rd ×4 in Digital-Creative Teaching Skills; students 40+ awards, GX silver ×2.
- SketchUp Official Trainer (T-010-000179); co-edited the national vocational drawing textbook.
- Grant 2025KY1625 (vernacular-house BIM + point cloud); shipped Lin Xiaozhi, an offline ranger tool.

INDEPENDENT PRODUCTS — OPEN SOURCE

Product Builder — Lixing, Chenfu EP, homepage — **2024–Present**

Lixing, a habit OS that turns career frameworks into fillable daily tools:

- Lixing 2.0 in iOS TestFlight beta; v1 a live 11-module PWA with Logto sync.

Chenfu EP & homepage, proof the same pipeline ships non-work products:

- Chenfu EP 4-track album hub (lyrics sync, guest board); homepage 11MB to 5.1MB, TTFB 6.6s to under 1s.

WUHAN CHANGJIANG NEW TOWN ADMINISTRATIVE COMMITTEE — WUHAN, CHINA

Staff, Development Bureau (seconded from UDG) — **2018–2021**

New-town planning desk for a municipal development district:

- Plan compilation, investment decks, bid liaison — the layer between consultants and government sign-off.

UDG UNITED DESIGN GROUP (WUHAN) — WUHAN, CHINA

Landscape Designer — **2017.07–2021.07**

Concept Landscape, early-stage masterplans and bid presentations:

- Produced concept schemes and pitch decks for landscape bids; interned 2016, hired 2017.

PUBLICATION

- Peng, G. (2025). High-Precision Intelligent Digital Preservation of Traditional Architecture through Multi-Scale Fusion and Deep Learning. IEEE 3rd ICEACE.

EDUCATION

◆ China University of Geosciences (Wuhan)	M.A. in Art Design	2017.06
◆ China University of Geosciences (Wuhan)	B.A. in Environmental Design	2014.06
◆ TU Berlin (exchange studio)	Design — Berlin 2030	2015

CORE SKILL SET

Build: Python, FastAPI, Logto, Turso, Claude Code, Codex CLI, Cursor agents, MCP, self-authored skills
Domain: SketchUp Official Trainer, BIM, habitat digital twins, interior retrofit; buildingSMART certified