

KEMAL ARDA ALKIN

Architect & Software Engineer — at the intersection of software, AI and architecture. Founder of Fraktal Design Studio.

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EXPERIENCE

- 2025 — now **Fraktal Design Studio** — Founder. Architecture, AI and software in one practice; builds and operates its own product line (below).
- 2023 — 2024 **Capoom** — Houdini Procedural Modeller. Digital-twin pipelines with procedural geometry.
- 2022 — 2023 **AVL** — VR & Visualization Engineer. Automotive VR environments in Unreal for the Graz HQ.
- 2022 **Yin Yang Games** — 3D Technical Artist. Medieval RPG *Reincarnation* on Steam; Unity pipeline.
- 2021 **BINAA** — Architect. Istanbul Finance Center; large-scale urban design.
- 2020 — 2021 **GAD Architecture** — Computational Designer; Director of GAD Academy. GAN experiments and computational workshops.
- 2020 **Parallax Design Studio** — Founder. Computational design consultancy, London.

PRODUCTS — BUILT AT FRAKTAL

- archly.ai **Archly** — AI visualization studio for architects; node-canvas workflow, in production and selling.
- getspacecraft.app **SpaceCraft** — iPhone LiDAR room scanning for architects.
- falconai.build **Falcon AI** — Grasshopper copilot: prompts to components and canvas logic.
- getvocaly.app **Vocaly** — local speech-to-text desktop app (Whisper, offline).
- food4rhino **FraktalMCP** — free text-to-Grasshopper plugin.

EDUCATION

- 2018 — 2020 **Architectural Association (AA), DRL** — MArch, Architecture and Urbanism, London. Thesis *FLUX: A Strategy for Instant Tectonics & Soft Spaceframe* — self-assembling structures; tutors incl. Theodore Spyropoulos.
- 2013 — 2018 **Bilkent University** — B.Arch, Architecture.

ELSEWHERE

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