

Burak Emre Arslan

3D/CGI Artist & Computational Designer

Istanbul, Türkiye · hello@burakemrearslan.com · burakemrearslan.com · Behance: behance.net/burakemrearslan ·
LinkedIn: linkedin.com/in/brkemrearslan

SUMMARY

Architect-trained 3D/CGI Artist and Product & Computational Designer (8 years). Produces photoreal product visualization and architectural visualization for Hudson Furniture, Decortie, Interezza, Bianos using PBR workflows. Has evolved into end-to-end product design and UX architecture practice — designed and shipped KombinApp end-to-end in 4 weeks via AI/ML-assisted development.

FLAGSHIP INDEPENDENT PROJECT

KombinApp

Product & Computational Designer · Independent · 2026

End-to-end product design and UX architecture: defined the entire product vision, user experience, content strategy, data model, and system architecture for a fashion outfit-recommendation app; delegated implementation to AI/ML-assisted development tools. Shipped a user-ready product in roughly four weeks. Key competencies: Product Design, UX/UI Architecture, Systems Design, AI/ML Integration, End-to-end Product Development.

EXPERIENCE

Independent 3D/CGI Artist

Freelance — Istanbul, Türkiye

2018 – Present

- Photoreal product visualization and architectural visualization for Hudson Furniture (US), Decortie, Interezza, Bianos using PBR workflows.
- Scan-to-CGI pipeline: 3D scanning physical products into digital, retopology, manual UVs and PBR texturing.
- Professional fabric scanning + AI-assisted PBR material library matching render fabrics to actual production fabrics.
- Nfinite-trained workflows for AR/VR asset production.

SELECTED CLIENTS

Hudson Furniture · Decortie · Interezza · Bianos

SIGNATURE WORKFLOWS

Scan-to-CGI Pipeline — 3D digitization, photoreal asset production

Fabric PBR Pipeline — Professional fabric scanning, AI-assisted material conversion

AR-Ready Asset Production — Nfinite-trained, glTF/USDZ

AI-Assisted Product Direction — KombinApp pattern

TECHNICAL SKILLS

3D & Rendering	3ds Max · Blender · Unreal Engine 5 · Corona Renderer · Cinema 4D
Computational & AI	ComfyUI · Ollama · n8n · AI-assisted development workflows · Structured prompting for VLM/LLM pipelines
Digital Fabrication	Phrozen Mega 8KS (MSLA) · Bambu P1S (FDM) · 3D scanning · Laser tools
Color & Hardware	ProArt display · Spyder calibration · 3Dconnexion CadMouse

OTHER INDEPENDENT PROJECTS

Artisan Keycaps & Keyboard Cases

Mechanical keyboard keycaps and cases produced using concrete, stone dust and epoxy with MSLA 3D printing. Industrial design + artisan production.

EDUCATION

Bachelor of Architecture · 2018

CERTIFICATIONS

PBR & AR Workflow Certification · Nfinite (France) · 2022

LANGUAGES

Turkish (Native) · English (Professional working)