

Mohamed Kassab

ARCHITECTURAL ENGINEER & TECHNICAL ARTIST

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Website | LinkedIn | Behance

Profile

Architectural Engineer and Technical Artist with over 5 years of experience in BIM-based architectural design, digital visualization, and real-time 3D production. Proficient in Autodesk Revit, Unreal Engine, and industry-standard tools for modeling, texturing, lighting, and asset optimization. Adept at managing design projects from concept to delivery, blending engineering accuracy with creative problem-solving. Seeking opportunities to leverage interdisciplinary expertise in innovative design environments.

Internships

Information Technology Institute (ITI) — Technical Artist Track **Feb 2025 – Jun 2025**

- 3D Modeling, Python & Maya Scripting.
- Texturing, Rendering, Unreal Engine Blueprints.
- Cinematic production using Unreal Engine.

Professional Experience

RAY IC & IDCEC | Architectural Design Group Leader **Oct 2024 - Present**

- Led design development and team coordination
- Conducted revisions and compliance reviews

RAY IC | BIM Architect **Jan 2024 – Oct 2024**

- Oversaw BIM implementation and regulatory coordination
- Handled technical compliance and project revisions

AIM Consultants LLC. | 3D Artist & Architectural visualizer **Aug 2023 - Dec 2023**

- Created 3D models, textures, and renders for interior and exterior designs

RDC Consultants | Architectural Designer **Jan 2023 - Jul 2023**

- Design Development
- Client Interaction
- Project coordination
- Regulatory compliance

RAY Consultants | BIM Architect **Jul 2022 - Sept 2022**

- Managed client interaction and project documentation
- Contributed to design development and regulatory adherence

Fiverr Co. | 3D generalist & Architect freelancer **Jun 2019 – Present**

- Delivered 3D visualizations, animations, and design concepts for clients worldwide

Education

Cairo University:

MS Architectural Studies

Present

- Pre-Master's Completed

BS Architectural Engineering

2022

- Minor: Interior Design.
- Graduation Project: A+ | Supervised by Prof. Aly Gabr & Menna El-Husseini.
- Elected Students' Representative (2018–2019).

Selected Project

- Cali Islamic Center, Cali, Colombia | Concept Design, and architectural drawing package.
- Abd El Hamid Villa, Kattamya Dunes, Egypt | The architecture and interior scope.
- Habitat Hotels, Cairo, Egypt | The architectural design and interior design of a hotel in Salah Salem.
- October Mall, Cairo, Egypt | The architecture and interior scope of a grand luxury shopping mall in 6th of October.
- The Capital Compound, Cairo, Egypt | The first and only luxury residential compound with a commercial mall in 10th of Ramadan Egypt.
- EMAAR Nursery, Under 5, Uptown Cairo | Architectural and interior design of the Nursery.
- International Medical Center, Jeddah Saudi Arabia | Architectural and interior design.
- Emaar Sales Center and Cairo up town Al-Mokkattam Egypt | preliminary design with RNL&WATG Consultants.
- Green Riyadh, Riyadh, KSA | Landscape Project.
- Steinberger Hotel Luxor, Egypt | Design package, coordination, & IFC drawings.
- Hassan Allam residential buildings, Egypt | Coordination and IFC drawings.
- Technology & Digital Hub, Neom, KSA | Interior design package.
- Villa, 5th Settlement, Cairo, Egypt | Preparing working drawings for villa interior design.

Technical Skills

- Architecture & Design: BIM, Interior & Exterior Design, Project Coordination.
- Visualization: Modeling, Rendering, Animation.
- Project Management: Agile Workflow, Client Interaction.

Software Skills

Autodesk Revit, AutoCAD, Maya, 3ds Max.

- Blender, SketchUp, Twinmotion, Lumion.
- Unreal Engine (Blueprints & Cinematics).
- V-Ray, Corona, Enscape.
- Adobe Creative Suite (Photoshop, Illustrator, After Effects).
- Microsoft Office (Word, Excel, PowerPoint)

Soft Skills

Creative Problem-Solving

- Detail-Oriented & Technically Accurate
- Strong Communication & Collaboration
- Multitasking & Agile Workflow Management
- Continuous Learning & Innovation

Courses

Agile Fundamentals & Scrum – 365 Careers YES! Education The BA Guide	2025
Landscaping Modeling – Rob Tuytel	2020
Complex 3D Modeling – GameDev.com	2019
Project Management – Hossam Hassan	2016

Leadership & Activities

Egyptian Association of Architecture Students (EAAS)

- Vice President (2022–2023)
- Head of Art Direction (2021–2022)
- Art Direction Member (2020–2021)

Black Horse Student Activity

- Head of PR & Logistics (2019–2020)
- PR & Logistics Member (2018 –2019)

Language Skills

Arabic:	Mother Tongue
English:	Fluent (C1)
Spanish:	Basic (A2)
French:	basic (A2)

Personal Information

Date of birth:	March 17, 1998
Place of birth:	Cairo, Egypt
Nationality:	Egyptian
Marital status:	Single
Military status:	Exempt
Passport type:	Egyptian intl. traveler
Expiry date:	October 28, 2029
Saudi Visa Type:	Business Visit Visa till Aug 2025