RUFAIE ALI

Architect

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PROFESSIONAL SUMMARY

Architect with experience in design development and technical documentation for mixed-use and office buildings. Strong background in BIM workflows and computational design using Rhino, Grasshopper, and Revit. Experienced in coordinating project phases from concept development to executive documentation, ensuring technical precision and design integrity.

PROFESSIONAL EXPERIENCE

Architect – Piuarch, Milan | December 2025 – Present

- Working on design development for mixed-use and office buildings.
- Developing architectural solutions using Rhino and Grasshopper during concept and design phases.
- Producing BIM models and technical documentation in Revit according to project phase requirements.
- Collaborating with multidisciplinary teams to ensure coordination and design consistency.

Architect – DAP Studio, Milan | October 2024 – December 2025

- Contributed to residential, commercial, and cultural projects.
- Developed executive drawings and construction documentation.
- Produced 3D models and visualizations using SketchUp, AutoCAD, and Enscape.
- Supported design development and technical detailing.

Architect – Brouj Co. Ltd, Khartoum | March 2021 – 2022

- Collaborated with senior architects on schematic design and technical documentation.
- Produced detailed drawings using AutoCAD and Revit.
- Conducted research on materials and construction systems to support design decisions.
- Participated in site visits and ensured compliance with building codes.

Site Supervisor – Araak Group, Khartoum | August 2020 – December 2020

- Oversaw construction activities and ensured alignment with design documentation.
- Monitored quality control and documented project progress.

Teaching Assistant – University of Khartoum | October 2020 – 2021

- Supported architectural design studios and assisted in project reviews.
- Guided students in research, technical development, and design problem-solving.

EDUCATION

Master of Science in Building Architecture – Politecnico di Milano | 2022 – 2025

Bachelor of Science in Architecture – University of Khartoum | 2014 – 2020

TECHNICAL SKILLS

BIM & Modeling: Revit, Rhino, Grasshopper, ArchiCAD, SketchUp | Drafting: AutoCAD | Visualization: Enscape, Lumion | Adobe Creative Suite | Microsoft Office

LANGUAGES

English – C1 | Italian – B2 | Arabic – Native