

INFRASTRUCTURE DIRECTOR & RESEARCHER

Mohammad Habibur Rahaman

Entrepreneurial Construction and strategic advisory executive — PMP® · MBA · Lean Six Sigma Black Belt — with 16+ years directing residential, commercial & infrastructure developments across the UAE, and founder of a four-jurisdiction international advisory network.

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16+

YEARS EXPERIENCE

450+

PROJECTS
DELIVERED

USD 237M+

PORTFOLIO DELIVERED

7

PUBLISHED
ARTICLES

4

ONGOING
RESEARCH TOPICS

11

ADVISORY
JURISDICTIONS

CAREER TIMELINE

2010 – 2016	Follow-Up Manager	Al Sadara Decoration
2016 – 2018	Director	Qasem Mohammad Building Contracting LLC
2018 – Present	Construction Director	Madeen Building Contracting LLC
2021 – Present	Strategic Construction Advisor	Multiple UAE Firms
2024 – Present	Business Strategy Specialist	Papple World FZ LLC
2024 – Present	Founder & Executive Chairman	Papple Holdings Advisory Network (PGAN)

01 — PROFILE

Construction Director and PMP®-certified project management professional with 16+ years of executive leadership delivering complex residential, commercial, mixed-use, and infrastructure developments across the UAE. Currently directs a USD 237M+ (AED 870M+) portfolio of 450+ delivered projects at Madeen Building Contracting LLC OPC in Ras Al Khaimah, spanning full-lifecycle planning, procurement, commercial management, and delivery. Founder of the Papple Holdings Advisory Network (PGAN), a four-jurisdiction advisory organization active across the UAE, USA, UK, and Canada. Architect of the GCLM 2.0 (Global Construction Leadership Model) framework and a published researcher with 7 peer-reviewed articles spanning construction leadership, infrastructure strategy, and AI applications in construction — with 4 further research topics currently in progress, including an intended doctoral research programme in AI-driven infrastructure governance.

02 — CORE COMPETENCIES & TECHNICAL SKILLS

Construction & PM Project Management, Portfolio Mgmt, Planning & Scheduling, Primavera P6, MS Project	Commercial & Contracts Cost Estimation, Budgeting, Tender Evaluation, Procurement, Contract Negotiation	Engineering & Delivery Civil Engineering, Structural Coordination, Site Supervision, HSE & Compliance
Business & Leadership Strategic Planning, Business Transformation, KPI Development, Executive Decision-Making	Process & Technology Lean Six Sigma, Lean Construction, AI in Construction, Digital Transformation	Governance Project Governance, Org. Leadership, Int'l Expansion, Cross-Border Collaboration

03 — PROFESSIONAL EXPERIENCE

Founder & Executive Chairman 2024 – Present

Papple Holdings Advisory Network (PGAN) – UAE, USA, UK, CA

- Founded a multi-jurisdiction advisory network connecting construction, engineering, infrastructure, and investment leaders; leads strategic advisory on infrastructure development, international expansion, and AI adoption.

Business Strategy Specialist / Construction Advisor 2024 – Present

Papple World FZ LLC – UAE

- Advises construction and infrastructure organizations on business transformation, operational excellence, and Lean Six Sigma methodologies.

Construction Director 2018 – Present

Madeen Building Contracting LLC OPC – Ras Al Khaimah, UAE

- Directs execution of residential, commercial, and infrastructure projects across a USD 237M+ (AED 870M+) portfolio of 450+ projects— planning, procurement, commercial management, and delivery.

Strategic Construction Advisor 2021 – Present

Multiple UAE construction & engineering consultancy firms

- Provides strategic advisory on planning, execution, and business growth to UAE contracting and engineering consultancy firms on a concurrent-retainer basis.

Director 2016 – 2018

Qasem Mohammad Building Contracting LLC – UAE

- Directed construction portfolios exceeding AED 130 million— planning, procurement, budgeting, execution, and commercial performance.

Follow-Up Manager 2010 – 2016

Al Sadara Decoration – UAE

- Coordinated project execution across multiple interior fit-out and building projects, valued at approximately AED 39 million.

04 – SELECTED PUBLICATIONS

Ongoing Research

- AI-driven governance frameworks for mega-infrastructure delivery— forming the basis of an intended doctoral research programme; open to PhD study and research collaboration internationally.
- Delivery Governance and Digital Controls as a Productivity Lever for U.S. Infrastructure Delivery (working paper).
- Digital Construction and Productivity (working paper).
- Schedule Recovery Controls on Multi-Package Expressway Programmes (working paper).

Selected Publications:

- "Construction as a Global Economic Engine: A Tri-Market CMEC Analysis of UAE, UK, and USA Practice, 2026–2050." IJETRM, Vol. 10(01), Jan 2026, pp. 439–458. DOI: [10.5281/zenodo.21373179](https://doi.org/10.5281/zenodo.21373179)
- "AI-GCLM: A Conceptual Framework for Artificial Intelligence–Enhanced Leadership in Global Construction Management, " IJETRM, Vol. 09(05), May 2025, pp. 609–615. DOI: [10.5281/zenodo.21373248](https://doi.org/10.5281/zenodo.21373248)
- "PGAN: An Integrated Ecosystem Model for Research, Advisory, Mentoring, and Talent Networking in Global Construction Knowledge Transfer. " IJETRM, Vol. 09(01), Jan 2025, pp. 341–348. DOI: [10.5281/zenodo.21375798](https://doi.org/10.5281/zenodo.21375798)
- "PGAN Framework for Construction Leadership 5.0: An AI-GCLM Conceptual Model for Generative AI-Enabled Executive Decision-Making. " IJETRM, Vol. 08(09), Sep 2024, pp. 125–138. DOI: [10.5281/zenodo.21375995](https://doi.org/10.5281/zenodo.21375995)

- "AI-GCLM: An Artificial Intelligence-Enhanced Construction Leadership Framework for Regenerative Mega-Infrastructure Delivery." IJETRM, Vol. 08(06), Jun 2024, pp. 281–291. DOI: [10.5281/zenodo.21376196](https://doi.org/10.5281/zenodo.21376196)
- "Artificial Intelligence in Construction Leadership: The GCLM 2.0 Framework for Intelligent, People-Centered Project Delivery." IJETRM, Vol. 07(08), Aug 2023, pp. 182–189. DOI: [10.5281/zenodo.21376364](https://doi.org/10.5281/zenodo.21376364)
- Integrating UAE Infrastructure Growth, Real Estate Advisory Models, and International Expansion Strategies - Journal of Asia Entrepreneurship and Sustainability — full citation at: asiaentrepreneurshipjournal.com/index.php/jaes/article/view/434

05 — SELECTED PROJECTS

AED 29,000,000 Sultan Mohammed Bin Hazer 31 Delivery from planning through completion.	AED 57,000,000 Al Hamra Commercial Complex 47-villa development — procurement, scheduling & execution.	AED 84,000,000 Al Nakheel Private Accommodation 120-room development — operations, quality & commercial performance.
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06 — EDUCATION, CERTIFICATIONS & LANGUAGES

- MBA, Business Administration — William Carey University, India
- B.Tech, Civil Engineering — William Carey University, India
- Level 8 Diploma in Strategic Management & Leadership — UK Postgraduate Framework
- PMP® — Project Management Professional, Project Management Institute (Active)
- Lean Six Sigma Black Belt (LSSBB) (Active)

Languages: English (Fluent) · Arabic (Professional Working Knowledge) · Hindi · Urdu · Bengali

Nationality: Bangladesh | UAE Resident Visa

07 — VERIFICATION & PROFESSIONAL PROFILES

- ◆ ORCID: [0009-0000-2294-8968](https://orcid.org/0009-0000-2294-8968)
- ◆ Google Scholar: scholar.google.com/citations?user=h8X9m5oAAAAJ
- ◆ Web of Science ResearcherID: [QQZ-7719-2026](https://orcid.org/QQZ-7719-2026)
- ◆ Semantic Scholar: semanticscholar.org/me/research
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- ◆ Academia.edu: wmcarey.academia.edu/MohammadRahaman
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