

BAHAA EHAB HAMZA

Civil Engineer & Project Manager

Minya, Egypt | Available for relocation | +20 100 4525 738 | ce.bahaah@gmail.com

Portfolio: [Bahaa Hamza Visual Portfolio English Extended.pdf](#)

PROFESSIONAL SUMMARY

Civil Engineer and Project Manager with more than nine years of contractor-side experience delivering construction projects across Egypt and Saudi Arabia. Experienced in end-to-end delivery across infrastructure, roadworks, reinforced-concrete structures, healthcare facilities, and luxury residential and hospitality developments. Combines field leadership with Primavera P6 planning, quantity surveying, technical-office operations, BIM coordination, AI-assisted reporting, and workflow automation to improve coordination, documentation, and delivery performance.

CORE COMPETENCIES

Project Management and Construction Delivery, Site Management and Field Execution, Infrastructure and Roadworks, Reinforced Concrete and Structural Steel, Quantity Surveying, BOQ and Work Orders, Primavera P6 Scheduling, WBS, CPM and PERT, Technical Office and Shop Drawing Review, BIM Coordination, Revit and Navisworks, Subcontractor and Supplier Management, QA/QC, Safety and Handover Documentation, Luxury Residential Finishing and Landscaping, AI-assisted Reporting and Workflow Automation

PROFESSIONAL EXPERIENCE

Project Manager | Deyar Al Mashaer Co. | Minya, Egypt | Mar 2025 - Mar 2026

- Led turnkey construction and development of three integrated healthcare units under the Hayah Karima Initiative.
- Directed daily civil, architectural, and MEP site operations while enforcing compliance with approved drawings, specifications, quality requirements, and safety procedures.
- Coordinated multidisciplinary teams, subcontractor packages, manpower, equipment, materials, and supply-chain priorities against production targets and budget requirements.
- Chaired performance and coordination meetings and maintained disciplined documentation, inspection, and handover workflows.

Site Manager & Quantity Surveyor | Manarat Integrated Co. | Jeddah, Saudi Arabia | Oct 2022 - Aug 2024

- Managed site execution and quantity surveying for the Eastern Axis Road works, including a 6 km corridor with an 84 m right-of-way, heavy infrastructure, and redevelopment works.
- Directed excavation, backfilling, grading, compaction, asphalt operations, drainage infrastructure, and stormwater conveyance works.
- Executed and cast six large reinforced-concrete box culverts, each extending approximately 84 m across the corridor.
- Managed quantity take-offs, work orders, material approvals, subcontractor measurement records, and Saudi quality and occupational-safety requirements.

Planning Engineer & Project Manager | Deyar Al Mashaer Co. | Minya, Egypt | May 2019 - Aug 2022

- Managed strategic development of three healthcare units and turnkey construction of two youth centers across structural, architectural, and electromechanical interfaces.

- Developed and controlled Primavera P6 schedules, WBS structures, sequencing plans, progress-monitoring routines, and delay-mitigation actions.
- Coordinated resources, subcontractors, finishing works, landscaping, documentation, and final closeout activities.

Site Manager & Quantity Surveyor | Palm Hills Developments | North Coast, Egypt | Jan 2017 - Apr 2019

- Supervised civil works and high-specification finishing for luxury villas, chalets, swimming pools, gardens, and hospitality environments at Hacienda White and Hacienda Bay.
- Controlled reinforced-concrete works, complex pool and landscape execution, specialist subcontractor teams, site inspections, and quality interfaces.
- Measured completed work and supported quantity-surveying, payment documentation, and subcontractor evaluation workflows.

SELECTED DIGITAL DESIGN & PORTFOLIO PROJECTS

- Prepared Kemet Vision branded architectural presentation boards for luxury classical villa facades, corner residential building facades, Arabic villa planning with central atrium, modern residential villa planning, and luxury residential interiors.
- Integrated architectural planning, facade development, interior design coordination, visualization, material palettes, and presentation storytelling into portfolio-ready project sheets.
- Used AI, visualization, and design coordination workflows to improve presentation quality and communicate planning, facade, and execution intent.

TECHNICAL SKILLS

Planning & Control: Primavera P6, WBS, CPM, PERT, resource analysis, schedule compression, progress tracking

Civil / BIM / Coordination: AutoCAD, Civil 3D, Revit, Navisworks, BIM Execution Planning, Clash Detection, 4D Coordination

Structural Analysis: Autodesk Robot Structural Analysis, SAP2000, SAFE, ETABS

AI / Automation / Visualization: Gemini, Claude, Codex, n8n, D5 Render, Coohom

EDUCATION & PROFESSIONAL CREDENTIALS

B.Sc. in Civil Engineering | Higher Institute of Engineering, 15 May City, Helwan | 2016 | Graduation Project: Roads and Bridges Design

Professional Diplomas: Project Management, BIM Technology, Technical Office

Saudi Council of Engineers: Registered Civil Engineer, SCE ID 961799

Egyptian Engineers Syndicate: Civil Engineering Member, ESE 117 / 6102594

PORTFOLIO QR

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