



## VISHNU DAS

Chartered Engineer (IEI)|CAPM® Certified|Specialist in Metro Systems,Railways and Heavy Civil Infrastructure, CET - Saudi Council of Engineers, PMP® Aspirant

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• Saudi Arabia

### Summary

Experienced Chartered Civil Engineering Professional with 12+Years of expertise in Project Management, Execution and Construction of large-scale infrastructure projects. Adept at overseeing and delivering complex projects in Heavy civil works, Metro systems and Railways, including landmark initiatives such as the **Delhi Underground Metro, Mumbai Underground Metro, Riyadh Metro & the iconic NEOM Project – The Line & Connector - High speed rail network.**

Proficient in managing multidisciplinary teams and aligning project objectives with client requirements to ensure timely and successful outcomes with strong project management skills and the ability to navigate complex challenges seamlessly. Recognized for a purposeful approach and commitment to maintaining the highest standards of quality, safety, and sustainability.

Actively seeking mid-senior level opportunities to leverage technical and managerial expertise in driving impactful project outcomes.

### AREAS OF EXPERTISE

Underground Metro Projects - Bottom-Up,Top-Down Method, Cut & Cover

Underground Metro Station - Building works

Pipe & Box Culverts, Viaducts & Rail Bridges

Piling- Drilled & Punched, Diaphragm Wall, Piers & Caps, Abutments

Architectural & Finishing Works - Metro Projects

Mass & Deep Excavation with Slope Stabilization Works & Embankment Works

Heavy Traffic Load Road and Earthworks

Preliminary knowledge on Geotechnical aspects with Face Mapping Works

Utility Diversion Works & Drainage Systems

### Skills

#### Core Technical Skills:

Review and Validation of IFC-GFC-Shop drawings • Cross-checking Design Intent vs. Site Conditions • Civil & Structural Design Coordination • Design Compliance with Local & International Standards • Interface Coordination • Review of Design Change Proposals • Value Engineering • Technical Evaluation of Design Submittals • Utility Diversion - Clash Detection in Design Stage • Constructability Review and Feedback to Design Team • As-Built Drawing Preparation & Red-Line Markups

#### Project Management Skills:

Project Scheduling • Agile & Waterfall Methodologies • Reporting & Documentation • Stakeholder Management • Cost Estimation • Earned Value Management (EVM) • Team Leadership & Cross-Functional Collaboration

Software Skills: MS Office • AutoCAD • Aconex • Power BI • Civil 3D

### BADGES



Project Management Institute (PMI) Member



Institution of Engineers (INDIA) Member



Saudi Council of Engineers Member

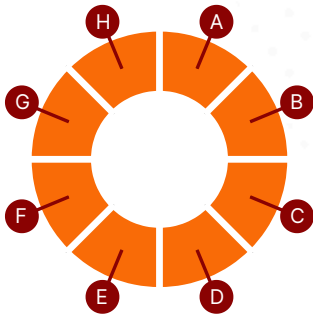
### Certification

Chartered Engineer (CEng) — Institution of Engineers - India (IEI) -Credential ID - M1807595

Certified Associate in Project Management (CAPM) — Simplilearn - Credential ID - 4703904

Certified Engineering Technologist (CET) — Saudi Council of Engineers - Credential ID - 968949

## Projects Outline



- A** Senior Project Engineer with V3 Middle East Consultants - Nov'24 to Present
- B** Senior Civil Engineer with Al-Ohdah Contracting - May'24 to Nov'24
- C** Project Engineer with Bechtel Corporation - April'22 to May'24
- D** Deputy Manager Construction with TATA Project Limited - May 2019 to March 2022
- E** Assistant Manager Construction with TATA Projects Limited - December 2016 to April 2019
- F** Senior Engineer Execution with J Kumar Infra projects Limited - August 2014 to December 2016
- G** Execution Engineer with Unibild Engineering & Construction - July 2013 to August 2014
- H** University Internship with Karunya University - May 2012 to May 2013

## Experience

### V3 Middle East Engineering Consultants

Riyadh, Saudi Arabia

#### Senior Project Engineer

11/2024 - Present

- **QIDDIYA – FILM STUDIOS & DIRIYAH – WADI SAFAR– Commercial Infrastructure**  
**Client: Qiddiya Investment Company (QIC) & Diriyah**

- **Project Description: Qiddiya Film Studios – Riyadh, Saudi Arabia**

- Part of the Qiddiya City giga-project under Vision 2030, the Qiddiya Film Studios are envisioned as a world-class production hub supporting Saudi Arabia's growing media and entertainment sector. Integrated within 360 sq. km development featuring theme parks, sports venues, and cultural landmarks, the studios aim to attract global talent and promote local content creation through innovative infrastructure and virtual production technologies.
- Monitor on-site construction activities to ensure compliance with project plans, specifications, and quality standards.
  - Establish and enforce quality control procedures to maintain high construction standards.
  - Conduct regular inspections to verify adherence to project benchmarks and specifications.
  - Facilitate routine meetings to provide project updates and address concerns proactively.
  - Review and approve structural drawings and quantity estimates, ensuring alignment with project requirements, safety standards, and local building codes.
  - Coordinate with stakeholders and clients to align project deliverables with defined objectives.
  - Oversee detailed project planning, scheduling, and budget management to ensure timely execution.
  - Evaluate and approve construction materials to ensure durability and suitability for site-specific conditions.
  - Lead and mentor junior engineers and technical staff to enhance team capabilities and project outcomes.

### Al-Ohdah Contracting Establishment (Subsidiary of We-Build)

Riyadh, Saudi Arabia

#### Senior Civil Engineer

05/2024 - 11/2024

- **Project Title: Riyadh Metro (Line 3 – Orange Line), Saudi Arabia**

#### **Client: We-Build**

- Led a team of 10 engineers and draftspersons in the preparation, review, and execution of red-line markup drawings, ensuring timely and accurate project documentation.
- Coordinated with cross-functional teams including design engineers, architects, and site personnel to capture and document deviations from design drawings.
- Managed the creation of as-built red-line drawings, ensuring all modifications and field changes were reflected accurately for final approval.
- Oversaw documentation and handover of final as-built drawings, ensuring proper archival and client handover for project close-out.

## Experience

### Bechtel (Saudi Arabian Bechtel Company)

Project Engineer

Dubā, Saudi Arabia

04/2022 - Present

**PROJECT MANAGEMENT CONSULTANT- NEOM PROJECT(Saudi Vision 2030.) - \$1Trillion Dollars**

**Project Description** - A groundbreaking initiative focused on developing a fully sustainable and futuristic city powered by renewable energy, encompassing advanced technologies and clean energy systems spanning over 26,500 Square KMS and consisting of mega-developments like **The Line (Spine-Delta-Connector),OXAGON and Trojena, as a part of Saudi Arabia's vision 2030.**

- Managed the accountancy of 3 complex nodal points Namely Spine, Connector & Delta Junction
- Completed / handed over 7 Portals (Approx 40 m Deep) for Tunneling works of High Speed & Freight Rail Corridor accumulating to a vast quantum of approx 6 Million Cubic Metre of Excavation with all relevant slope support systems like shotcrete and rock bolting works
- Engaged in early works of Depot construction for High Speed Rail & Freight Rail Transit
- Facilitated the construction of over 1 million cubic metres of embankment for the preparatory sub-grade work for 65 Kilometers High Speed Rail and Freight Railway network
- Engaged in early works of piling works for Rail Bridges spanning at different lengths all along the 65Kms work stretch
- Updating and maintaining production and quality metrics of administering site-wise Team Planning and advising the project team and manager regarding the progress of the allotted work project Utilizing Bechtel's Core processes and NEOM's Specifications to track and run the project schedule and cost
- Networking with clients/contractors to ascertain technical specifications
- Highlight your accomplishments, using numbers if possible.

### TATA Projects Limited

Deputy Manager - Construction

Mumbai, India

04/2019 - 03/2022

**Project Details:- Mumbai Metro Rail Project (Underground Metro Project) - 2800 Crores or \$38 Million Dollars Business Unit - Heavy Civil Infra (Underground Metro & Tunnels) - Bottom Up Method**

- **Project Planning and Construction Coordination:**
- Oversaw the detailed Sequence of Construction and scheduling of construction activities including the resource and material calculations and allocation in compliance with Project's scope, standards and specification aiming for 10% reduction in lead time on key-milestones or critical tasks
- **Contractor and Procurement Management:**
- Oversaw Contractor performance with KPIs such as On-time completion of construction activities within the available slack (Dealt with more than 20 direct and indirect Contractors)
- Engaged in Bottom-Up estimation of Resources like Material-Man-Machinery and maintained reports of each deliverable in accordance to the cost compliance and contract requirements. (My Reconciliation Data ensured at least 10% cost-saving during procurement)
- **Project Documentation and Quality Management:**
- Prepared more than 30 key Method Statements encompassing the underground metro station activities aiming for a minimum of 90% pass rate from the client adhering to the project specifications
- Maintained well-documented data of Material Order Details (MOD) and Work order Details (WOD) which ensured an adequate control over the resources on regular audits and inspections resulting in reduction of re-work by 15%
- **Stakeholder Communication and Reporting:**
- Ensured weekly progress reports (both internal & external) are delivered to all stakeholders and hosting internal meetings to address key project milestones, aiming for 90% issue resolution within the reporting period
- Co-ordination with various stakeholders including local authorities, utility companies, and transportation agencies to ensure smooth progress and minimize disruptions to surrounding areas

### TATA Projects Limited

Project Construction Assistant Manager

Mumbai, India

12/2016 - 03/2019

**Project Details:- Mumbai Metro Rail Project - Line 3 - Package 4 (Underground Metro Project)**

**- 2800 Crores or \$38 Million Dollars Business Unit - Heavy Civil Infra (Underground Metro & Tunnels) - Bottom Up Method**

- Contributed an integrated part of my profession for the construction of 3 Underground Metro Station works starting from Feasibility Study, Design & Planning, Geo-Technical Investigation, Station Construction, Installation of Systems, Finishing & Amenities
- Construction of Secant Piles (3000 Nos) and Standalone Piles (King-Post), Flair Column, Deck Slab Construction (Both RCC and Structural), Shaft and Station Excavation Works inclusive of Base, Concourse & Roof and any additional step up or step-down slabs
- Construction of Entry-Exit Structure (Both RCC & Structural) and Retaining Walls in Bottom -up method
- Proficiency in Using Conventional as well as System form works for all Major & Minor RCC structure
- Well-versed with managing, leading & executing structural support systems for Deep Excavation works like Installation of Structural steel Struts & Waler, Shotcrete Works, Rock-Anchoring works, Rock-Bolting Works, Sheet Piling, Pin Bolting

## Experience

### J KUMAR Infracore Limited

Senior Engineer - Execution

New Delhi, India

08/2014 - 12/2016

**Project Details:- Delhi Metro Rail Project- CC24 Vinobapuri Station(Underground Metro Project) -260 Crores or \$3.4 Million Dollars**

**Business Unit - Heavy Civil Infra (Underground Metro & Tunnels) - Top Down Method and Cut & Cover method of Delhi MRTS project of Phase-III**

- Construction of D-Wall, Shaft and Station Excavation Works inclusive of Base, Concourse, Roof & Platform and any additional step-up or step-down slabs
- Managed the Bar Bending Schedule (Over 1200 Metric Tonnes)and Reinforcement reconciliation works for the entire station construction works
- Supervising all construction activities including providing technical inputs for methodologies of construction & coordination with site management activities
- Executing day-to-day contracts / commercial administration during execution stages (Daily & Monthly DPR)

### Unibild Engineering & Constructon Private Limited

Site/Execution Engineer

Gurgaon, India

07/2013 - 08/2014

**Project Details:- Multistory (G+13) group housing complex consisting of 16 Towers - 260Crores or \$3.4 Million Dollars**

- Worked as Site Engineer and managed structural works of 06 Residential Towers each with 14 floors in accordance with drawings
- Managed the accountancy of structural works with quality adherence in conjunction with client's approval and thus managed to generate revenue for my organisation through achieving the progress as per milestones laid
- Engaged with the construction of Residential and Commercial Building, Sub-Station Construction, Sewage Treatment Plant, Basement Parking

## Education

### Karunya Institute Of Technology ( Deemed University)

B.Tech in Civil Engineering - 1st Class Distinction (7.7 CGPA)

2009 - 2013

## PERSONAL INFORMATION

Date of Birth

10th January 1992

Gender

Male

Nationality

Indian

Marital Status

Married

Passport Number

X5701384 - Issued from INDIA

IQAMA Number (SAUDI ARABIA)

2554302279

## Languages

English Proficient ●●●●●

Hindi Proficient ●●●●●

Malayalam Native ●●●●●

Tamil Advanced ●●●●●

Arabic Beginner ●●●●●

## References

Mr. Keith Miles - Senior Project Manager - Bechtel — +966-531849200

Mr. David Harris - Senior Construction Manager - Bechtel — +966-505245900

Mr. Ravichandran Muthuraj - General Manager - CMRL — +91-9962418200