

# HARISH KUMAR BABRY

## Telecom Systems & Infrastructure Leader | PMP | UAE-based

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### SUMMARY OF QUALIFICATIONS

Accomplished engineering and technology leader with over 30 years of experience delivering large-scale telecom and IT infrastructure programs across the Oil & Gas, Railways, and IT sectors. Proven ability to steer EPC projects from concept to completion, driving innovation and ensuring delivery excellence. Skilled in leading multidisciplinary teams, strengthening technical governance, and implementing digital transformation initiatives that enhance operational performance and resilience. Trusted by major clients including ADNOC, BP, ZADCO, and Saudi Aramco. Continuously expanding expertise in AI, generative AI, and blockchain to anticipate industry shifts and guide organizations toward sustainable technological growth.

#### SYSTRA

Abu Dhabi, UAE

May 2025–Present

**System Manager—Telecom:** Lead PMC technical and contractual reviews for the High-Speed Rail (Abu Dhabi–Dubai) program. Collaborated with Etihad Rail and multidisciplinary bidders to align telecom architecture, pricing schedules, and compliance documentation. Directed resolution of 100+ contractor comments and managed over 600 bidder queries. Developed solution-driven clarifications and bid recommendations supporting multi-system tenders (Power, Rolling Stock & Telecom).

#### PETROFAC INTERNATIONAL

Sharjah, UAE

Nov 2022–Apr 2025

**Manager Telecom:** Directed end-to-end telecom solutions for major ADNOC and BP projects. Architected multi-system telecom designs and supported bid proposals ensuring technical compliance and commercial competitiveness. Drove engineering workflow automation, reducing man-hours by 30% and improving bid success rates by 40%. Spearheaded vendor evaluation, negotiations, and technical presentations to clients.

#### Hill INTERNATIONAL

Cairo, Egypt

Oct 2020–Nov 2022

**Manager – Telecommunication, Centralized Control & Signaling:** As part of a Project Management Consultancy (PMC) role, led telecommunications and system integration for the Cairo Monorail Project, optimizing centralized control, SCADA, and signaling systems to enhance operational efficiency. Ensured seamless execution by managing cross-functional teams, streamlining designs, and maintaining strict adherence to project standards, timelines, and budgets.

#### NK CONSORTIUM

Jaipur, India

Mar 2018–Sep 2020

**Chief Engineer Telecommunication:** As part of a Project Management Consultancy (PMC) role, directed the telecom engineering team for the WDFC project, overseeing the design and construction of critical systems for the Rewari-Vadodara electrified railway section. Ensured timely project delivery by collaborating with clients, enhancing telecom system functionality, and maintaining high standards of quality and efficiency. Successfully managed construction schedules, contractor payments, and EPC audits to achieve on-time and on-budget completion of Phase I.

#### PETROFAC EMIRATES

Abu Dhabi, UAE

Mar 2013–Feb 2018

**Lead Engineer Telecommunication:** Played a key role in delivering the \$3.7 billion Upper Zakum UZ750 Project by leading a team of 25-30 engineers and overseeing the development of over 4000 engineering documents in compliance with ZADCO standards. Designed and deployed advanced telecom systems, including optical fiber, SDH transmission, PABX, CCTV, and radio, while optimizing vendor bids and resource planning. Enhanced engineering accuracy by implementing a data analytics system and updating over 20 Petrofac telecommunication standards to meet industry best practices.

#### MOTT MACDONALD

Dubai, UAE

Feb 2012–Feb 2013

**Lead Engineer Telecommunication:** As part of a PMC role, managed the Telecommunication and Security Systems Contract for CPF Phase 1 at Badra Oil Field, ensuring system performance, reliability, and adherence to project standards.

#### PETROFAC INTERNATIONAL

Sharjah, UAE

2010–Jan 2012

**Senior Engineer Telecommunication:** Managed the \$2.4 billion EPC contract for ADCO's ASAB Full Field Development Project, overseeing comprehensive telecom infrastructure design and implementation. Delivered advanced telecom solutions, including SDH, TCP/IP networks, fiber optics, and VSAT systems, to ensure seamless operations. Optimized technical solutions, facilitated vendor drawings, conducted factory testing, and ensured full compliance with project specifications and industry standards.

#### ROAD & TRANSPORT AUTHORITY (RTA)

Dubai, UAE

2008–2010

**Senior Engineer Telecommunication:** As a client representative for the Dubai government, ensured alignment of key urban transit projects, including the Dubai Light Rail, Purple Line, and Al-Sufouh Tram, with Dubai's vision and values. Oversaw both PMC and EPC contractors, ensuring compliance with project standards, monitoring telecom subsystem development, and facilitating smooth implementation and successful post-contract reviews.

**ATKINS, Lead Design Engineer | 2005–2008 | UAE:** Led the design of telecom systems for London Underground stations and oil & gas facilities.

**Siemens, Design Manager | 2005–2005 | Delhi:** Managed telecom design for the Delhi Metro Rail (L-III), ensuring seamless project execution.

**Alcatel Portugal, System Engineer | 2001–2005 | Delhi:** Led the design and commissioning of telecom networks for Delhi Metro Rail (Lines I & II).

**Datacraft, Senior Executive | 2001–2001 | Delhi:** Implemented and optimized Cisco network infrastructure for Wipro Spectramind's operations.

**Jindal Infotech Ltd., Engineer | 2000–2001 | Delhi:** Installed BSNL's national backbone by commissioning Cisco routers and switches.

**Essel Shyam Comm Ltd, Executive Engineer | 1998–2000 | Delhi:** Installed and optimized VSAT networks.

**ACE Microelectronics, Technical Consultant | 1997–1998 | Delhi:** Installed and configured networks and operating systems.

**CMS Computers Ltd, Network Engineer | 1994–1997 | Delhi:** Installed and maintained Citibank's backbone network.

### Education and Certifications

**B.Eng. Electronics and Communication Engineering** – Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India (1990–1994)

**Project Management Professional (PMP)** – Project Management Institute (Cert. No. 45357, 2007, Active)