



# SHARDUL VIKRAM SINGH

CIVIL ENGINEER

## Details

96 LIG Katju ki Bagh Colony

Prayagraj, 211004

India

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NATIONALITY Indian

DATE OF BIRTH

25/03/1987

## Skills

Leadership

Creative Problem Solving

Project Management

TBM Tunnelling, NATM, Metro  
Rail, Water Supply

## Languages

Hindi

English

## Profile

An enthusiastic and proactive Civil Engineer who possesses an experience of more than 12 years working in Underground Tunnelling, NATM & Metro Rail Projects. Seeking a challenging and rewarding opportunity with an organization of repute which recognizes my true potential and effectively utilizes & nurtures my excellent analytical and technical skills in the field of Construction, Project Management and Civil Engineering.

## Employment History

### Manager Civil, Patel Engineering Ltd, Mumbai

January 2024 — June 2024

- **PROJECT:-** PG\_RW MCGM Water Supply Tunnel Project, Mumbai.
- **CLIENT:** Municipal Corporation of Greater Mumbai.
- **PROJECT DETAIL:** Design and Build of Tunnel of 2.8m dia from Powai to Ghatkopar High Level Reservoir further up-to Ghatkopar Low Level Reservoir (Remaining Works) and 4 no's of shaft excavation, Surface pipeline works, fixing of valves and electrical works.
- **JOB RESPONSIBILITY :** Overall responsible for the entire Tunneling operation. Site Planning, Management, Procurement, obtaining Permits & Approvals.
- **REASON FOR SEPARATION:** Management Issues.

### Tunnel Expert (NATM) , Geoconsult India Pvt.Ltd , Imphal

December 2022 — August 2023

- **PROJECT:-** NFR Railway Tunnel.
- **CLIENT:** NORTHEAST FRONTIER RAILWAY.
- **PROJECT DETAIL:** Detailed Design, 3D Monitoring, Geo-technical Investigation and construction supervision of Single Line BG Tunnel No. 12 at Km 8.656/106.63 to Km 19.39/117.371 in between Tupul - Imphal.
- **JOB RESPONSIBILITY :** Supervision, Checking, Documentation & other civil works of NATM Tunnels to remove the H-piles below existing Esplanade Station , Tunnel construction, Cross Passage and Vent Shaft construction. Controlled site engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets
- **REASON FOR SEPARATION:** Manipur Riots.

### Construction Manager Tunnel, L&T WET IC, Mumbai

APRIL 2021 — SEPTEMBER 2021

- **PROJECT:-** Surya Water Supply Scheme.
- **CLIENT:** Mumbai Metropolitan Region Development Authority.
- **PROJECT DETAIL:** Design & Construction of The Underground Tunnel Section for water conveyance with excavated diameter of 3.685 m, operational diameter was 2.850 m, segmental lining of 300 mm and length of 7 km.
- **JOB RESPONSIBILITY :** Overall responsible for the entire Tunneling Operation. Planning, Designing, Procurement, obtaining permits & approvals.
- **REASON FOR SEPARATION:** Covid-19 Issue.

### Project Engineer, AECOM, Kolkata

OCTOBER 2018 — MARCH 2021

- **PROJECT:-** KMRCL UG-1 & UG-2.
- **CLIENT:** Kolkata Metro Rail Corporation Limited.
- **PROJECT DETAIL:** Design & Construction of The Underground Tunnel Section for Interchange Esplanade Station to Sealdah of Kolkata Metro East West Line. Twin bored tunnels of 7.2 km each.
- **JOB RESPONSIBILITY:** Supervision, Checking, Documentation & other civil works of NATM Tunnels to remove the H-piles below existing Esplanade Station & TBM Tunnel construction, Cross Passage and Vent Shaft construction.
- Controlled site engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.
- **REASON FOR SEPARATION:** Project Tunnelling Work Completed.

## Construction Manager, IL & FC ECC, Nagpur

April 2018 — August 2018

- **PROJECT:** NMRCL Reach-1.
- **CLIENT:** Nagpur Metro Rail Corporation Limited.
- **PROJECT DETAIL:** Construction of Elevated Metro stations airport, Jaiprakash Nagar, Ujjal Nagar, Chatrapati Square, Ajni Square, Rahate colony , Congress nagar & 3 at-grade stations Khaproli, New Airport & Airport South, North South Corridor viz. congress nagar to Khapri & 1.2km Viaduct (Pocket track area ) in Reach-1.
- **JOB RESPONSIBILITY:** TBM launching, TBM tunnel construction and other Civil related works. Construction by Top Down Method, Cut and Cover Ramp construction, tension & soldier piling, Utility diversion, Documentation & Client Billing.
- **REASON FOR SEPARATION:** Project Tunneling Work Completed.

## Deputy Manager Construction, Tata Projects Limited, Lucknow

DECEMBER 2016 — FEBRUARY 2018

- **PROJECT:** LKCC - 06.
- **CLIENT:** Lucknow Metro Rail Corporation.
- **PROJECT DETAIL:** Design and Construction of Tunnel from start of Underground Ramp (near Charbagh Metro Station) to end of Underground Ramp (near K.D.Singh Babu Stadium Metro Station) including three Underground Metro Stations (viz. Hussainganj, Sachivalaya and Hazratganj) on North-South Corridor of Lucknow MRTS, Phase 1A Project at Lucknow, Uttar Pradesh. Twin bored tunnels of 1.818 km each.
- **JOB RESPONSIBILITY:** TBM launching, TBM tunnel construction and other Civil related works. Construction by Top Down Method, Cut and Cover Ramp construction, tension & soldier piling, Utility diversion, Documentation & Client Billing.
- **REASON FOR SEPARATION:** Project Tunneling Work Completed.

## Tunnel Engineer, Pratibha Industries Limited, New Delhi

OCTOBER 2015 — DECEMBER 2016

- **PROJECT:** DMRC CC-23.
- **CLIENT:** Delhi Metro Rail Corporation.
- **PROJECT DETAIL:** Contract CC-23 (UG-4) Design and Construction of Tunnel between Hauz Khas Station and Kalkaji Station by Shield TBM, Tunnel near Chirag Delhi and Kalkaji Station and Underground Ramp beyond Kalkaji Station by Cut and Cover Method. Underground Metro Station at Panchsheel Park, Chirag Delhi, GK Enclave – 1, Nehru Place, and Kalkaji by Cut and Cover Method on Janakpuri West-Botanical Garden Corridor of Delhi MRTS Project of Phase 3. Twin bored tunnels of 0.717 km each.
- **JOB RESPONSIBILITY:** TBM launching, mining, retrieval work, RCC structure work, Construction of Station by Top Down Construction Method, Cross Passage, Documentation, Client Billing & other civil works.
- **REASON FOR SEPARATION:** Project Tunneling Work Completed.

## Civil Site Engineer, Hindustan Construction Company, New Delhi

NOVEMBER 2014 — OCTOBER 2015

- **PROJECT:** DMRC CC-34.
- **CLIENT:** Delhi Metro Rail Corporation.
- **PROJECT DETAIL:** Design and Construction of Tunnel on Janakpuri West Kalindi Kunj Corridor of Phase-3 by Shield TBM. The contract also includes of three Underground Metro Stations at Janakpuri West, Dabri Mod and Dashrathpuri and interchange

facilities between the existing elevated and proposed Underground Metro Station by Cut and Cover Method. Twin bored tunnels of 4.4 km each.

- **JOB RESPONSIBILITY:** Site Execution, RCC structure work, Construction of TBM Tunnel, Cross-Over and Cross Passage construction.
- **REASON FOR SEPARATION:** Project Tunneling Work Completed.

### **Assistant Engineer, Pratibha Industries Limited, Mumbai**

OCTOBER 2010 — OCTOBER 2014

- **PROJECT-1:** Malabar Hill Tunnel.
- **CLIENT:** Municipal Corporation of Greater Mumbai.
- **PROJECT DETAIL:** The water conveyance tunnel excavated diameter was 3.685 m, operational diameter was 2.850 m, concrete lining of 300 mm and length was 3.500 km.
- **JOB RESPONSIBILITY:** TBM Tunnel Construction & RCC lining, Steel Lining, Vertical Shafts, Pipeline laying, Construction of Control Buildings & Control Valve Chambers etc.
- **PROJECT-2:** Modak Sagar Tunnel Project.
- **CLIENT:** Municipal Corporation of Greater Mumbai
- **PROJECT DETAIL:** The water conveyance tunnel excavated diameter was 4.100 m, operational diameter was 3.500 m, concrete lining of 600 mm and length was 7.000 km.
- **JOB RESPONSIBILITY:** TBM Tunnel Construction & RCC lining, Steel Lining, Vertical Shafts, Pipeline laying & Control Valve Chambers etc
- **REASON FOR SEPARATION:** Project Completed.

## **Education**

### **Bachelors in Civil Engineering, Sam Higginbottom University of Agricultural Technology & Sciences, Prayagraj, Uttar-Pradesh**

JUNE 2006 — SEPTEMBER 2010