

**ROLL NUMBER:** P25701043


**Mr. Vighnesh Vinod  
Bhadsavle**  
Male

**DOB**

02-Oct-1999

**TECHNICAL SKILLS**

- AutoCAD
- MS Office
- MS Project
- Primavera P6
- Lean Six Sigma
- Power BI
- SPSS
- Candy

**PERMANENT ADDRESS**

4/113, Khatav Building, Dr. S. S. Rao  
Road, Lalbaug, Mumbai - 400012  
City: Mumbai City  
State: Maharashtra  
Pincode: 400012

**LANGUAGE**

- English
- Marathi
- Hindi

**SUMMARY OF QUALIFICATION**

| Course / Programme                    | Board / University Name                                             | CGPA/ (%) | Passing Year |
|---------------------------------------|---------------------------------------------------------------------|-----------|--------------|
| MBA-APM                               | NICMAR University, Pune                                             | 9.12      | 2027         |
| B.E.<br><i>Mechanical Engineering</i> | MUMBAI UNIVERSITY                                                   | 73.38     | 2022-May     |
| Diploma                               | SARDAR VALLABHBHAI PATEL POLYTECHNIC, MUMBAI                        | 68.12     | 2019-May     |
| Intermediate<br><i>Science (PCMB)</i> | MAHARASHTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION | 57.85     | 2017-Feb     |
| High School                           | MAHARASHTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION | 83.4      | 2015-Mar     |

**TOTAL WORK EXPERIENCE: 36 month(s)**
**A. R. W Infra Projects Pvt. Ltd.**

01-Jun-2022 - 31-Jan-2023

**0 Years, 7 Months, 30 Days**
**PROFILE:** Project Engineer

- Executed installation and commissioning activities for the Rs. 140 Cr Hindmata Flood Mitigation Project, coordinating installation of 10 pumps and 20 valves with a 30+ member site workforce and supporting completion within a 4-month execution period.
- Coordinated precision valve installation activities at the 900 MLD Bhandup Complex Pumping Station, supporting equipment installation, site coordination and execution activities for critical municipal water infrastructure.
- Managed 24x7 operations and maintenance activities at the 24 MLD Chinchpokli Sewage Pumping Station, coordinating a team of 5 technicians and monitoring pump performance, preventive maintenance and operational reliability across 4 pumps.
- Supported infrastructure modernization at Matunga Sewage Pumping Station through replacement of 2 screens and 2 actuators, coordinating field execution and technical activities to improve equipment reliability.
- Supervised AMC activities for actuator systems across 3 MCGM potable-water sites, coordinating preventive maintenance, technical inspections and contractor activities to support asset reliability and minimize operational disruptions.
- Coordinated multi-site MCGM utility activities, contractors and field teams, resolving technical and execution issues to maintain continuity across installation, maintenance and infrastructure-upgradation works.
- Identified a critical sewage-stormwater cross-connection issue at a pumping facility where elevation differences caused sewage flow to enter the rainwater line and prevented effective rainwater inflow into the designated sump; escalated the issue and supported corrective action to restore the intended drainage flow path.
- Conducted field-level technical checks, troubleshooting and performance monitoring of pumping and valve systems, coordinating with contractors and stakeholders to resolve real-time execution and operational issues.

**Xylem Water Solutions India Pvt. Ltd.**

15-Feb-2023 - 02-Jul-2025

**2 Years, 4 Months, 17 Days**
**PROFILE:** Project Engineer

**MBA-APM | MBA in Advanced Project Management**

- Monitored engineering, procurement, manufacturing, inspection, logistics, installation and commissioning activities across 3 major wastewater projects - 416 MLD Dharavi, 180 MLD Versova and 454 MLD Malad, supporting a contractor project portfolio of approx Rs. 4,000 Cr and Xylem technology scope of approx Rs. 300 Cr.
- Conducted schedule and delay analysis across critical project activities, identifying schedule impacts of up to 5 months; developed crashing/recovery schedules and issued early warnings that contributed to recovering approximately 3 months of delay.
- Tracked 11 Xylem equipment packages daily from Basic Engineering and Detailed Design through manufacturing, inspection, approval, dispatch, installation and commissioning, ensuring alignment with project milestones.
- Maintained integrated MIS, schedule, risk, financial and equipment trackers, converting daily project data into weekly stakeholder reviews and monthly client reports for management decision-making.
- Tracked and coordinated closure of 200+ drawings, 100+ technical submittals, 11 equipment inspections, improving visibility of engineering approvals and procurement dependencies.
- Monitored physical and financial progress across a Rs. 266 Cr+ execution scope covering engineering, supply, installation and commissioning, supporting Rs. 188 Cr+ in invoiced value and identifying progress and billing variances.
- Coordinated daily with a 30-member multidisciplinary team across engineering, SCM, quality, procurement, construction and commissioning, along with clients, contractors and 4 vendors to resolve project interfaces and dependencies.
- Supported procurement and logistics through manufacturing follow-ups, inspection clearances and dispatch coordination; facilitated 5 equipment dispatches out of 11 packages before project transition.
- Supported installation planning and site readiness across 16 SBR basins, supervising installation of approximately 15 mixers and coordinating approximately 50 mixer-related orders.
- Conducted/supported 3 joint site-readiness inspections and coordinated equipment availability with installation and commissioning milestones to minimize execution constraints and support timely site progress.

**INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 16 Weeks)**
**Central Railway**

10-Jan-2022 - 31-Jan-2022

**3 Weeks**
**PROFILE: Mechanical Engineering Intern**

- Conducted an in-depth technical study of Diesel Electric Locomotives, covering propulsion principles, subsystem interfaces, and mechanical configurations.
- Explored the complete overhaul process, including dismantling, inspection, part replacement, reassembly, and performance validation.
- Studied preventive and corrective maintenance routines, focusing on traction motors, turbochargers, cooling systems, and fuel injection components.
- Gained hands-on exposure to workshop operations and lifecycle management techniques used in large-scale locomotive fleets.
- Interacted with on-ground mechanical teams to understand fault diagnostics, reliability engineering, and standard operating procedures for fleet upkeep.

**Sai Service India**

20-Dec-2021 - 01-Jan-2022

**1 Weeks**
**PROFILE: Internship Trainee**

- Gained practical exposure to automotive servicing workflows, including diagnostics, maintenance schedules, and part replacement routines.
- Studied the integration and functioning of engine systems, fuel injection mechanisms, and ECU components in modern vehicles.

**MBA-APM | MBA in Advanced Project Management**

- Participated in routine service bay operations, interacting with technicians to understand process flow and customer servicing standards.
- Observed troubleshooting techniques and real-time fault rectification, focusing on service efficiency and component lifecycle management.

**Pantechelearning**

23-Aug-2021 - 21-Sep-2021

**4 Weeks****PROFILE:** Mechanical Engineering Intern

- Modeled EV propulsion, motor control systems, and battery packs using MATLAB/Simulink, with emphasis on BLDC, PMSM, and SRM architectures
- Designed BMS simulations for SOC estimation, thermal protection, and lifecycle management of lithium-ion power systems
- Developed power electronics configurations including inverters, rectifiers, and DC-DC converters for traction and energy recovery
- Completed a final project simulating full EV architecture with integrated control logic, autonomous features, and sensor-based automation

**Ahluwalia Contracts India Ltd.**

04-May-2026 - 30-Jun-2026

**8 Weeks****PROFILE:** Project Management Intern

- Supported planning and scheduling for the Rs. 2,450 Cr CSMT Redevelopment EPC Project by preparing 8 weekly Look-Ahead Plans covering approximately 150 activities using Primavera P6 and Microsoft Excel.
- Monitored weekly project progress through baseline vs. actual schedule analysis, milestone tracking and schedule variance reporting, preparing 8 schedule reports for project-control reviews on a project experiencing approximately 3 years of cumulative schedule slippage.
- Contributed to preparation of schedule crashing plans covering approx 100 activities, analysing activity dependencies and sequencing to identify opportunities for schedule recovery.
- Consolidated multiple segregated project tracking sheets into a unified monitoring tracker, improving visibility of activity status, progress and schedule information for more effective project tracking and reporting.
- Reviewed EPC contract documentation and prepared contract summaries to support execution teams in understanding project scope, contractual requirements and progress-reporting requirements.
- Gained practical exposure to 35,000 MT of structural steel construction, including fabrication and erection activities, while coordinating with 7 multidisciplinary functions across Planning, Execution, QA/QC, Safety, Design and Procurement.
- Supported multidisciplinary coordination by tracking execution progress, communicating schedule constraints with site teams and aligning planning information with ongoing construction activities.

**CERTIFICATION DETAIL**

- AutoCAD Essential
- Post Graduate Diploma in Piping Design Engineering

**ACHIEVEMENT DETAIL**

- Awarded in Xylem India Employee Reward & Recognition Program (Q1 2025) under 'Accountable to Deliver' for the 418 MLD STP Dharavi Project.
- Recognized in Xylem India Employee Reward & Recognition Program (Q1 2024) under 'Accountable to Deliver' for securing critical equipment approval enabling manufacturing clearance.
- Contributed to the BMC Hindmata Flood Mitigation Project aiding in urban flood management and infrastructure planning during degree studies.
- Secured second prize in football during degree studies.
- Secured second prize in football during diploma studies.