

ROLL NUMBER: P25701043**Vighnesh Vinod Bhadsavle**
Male**DOB**

02-Oct-1999

TECHNICAL SKILLS

- AutoCAD
- MS Office
- MS Project

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	9.10	2027
Graduation	B. R. HARNE COLLEGE OF ENGINEERING AND TECHNOLOGY, MAHARASHTRA	73.38	2022-May
Diploma	SARDAR VALLABHBHAI PATEL POLYTECHNIC, MUMBAI	68.12	2019-May
Intermediate	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

WORK EXPERIENCE (3 Years 0 Months)**A. R. W Infra Projects Pvt. Ltd.**

01-Jun-2022 - 31-Jan-2023

0 Years, 7 Months, 30 Days**PROFILE:** Project Engineer**• Installation, Commissioning & Project Execution**

- Executed installation and commissioning activities for the Hindmata Flood Mitigation Project, ensuring operational readiness to reduce urban flooding in central Mumbai.
- Coordinated precision valve installations at the 900 MLD Bhandup Complex Pumping Station, contributing to optimized city wide water distribution.

• Operations, Maintenance & Regulatory Compliance

- Managed operations and maintenance of the 24 MLD Chinchpokli Sewage Pumping Station, ensuring continuous functionality and compliance with municipal standards.
- Led technical checks, performance monitoring and lifecycle management routines across key pumping assets to maintain uninterrupted operations.

• Infrastructure Upgradation & Asset Modernization

- Upgraded infrastructure at Matunga Sewage Pumping Station by replacing outdated screens and actuators, improving system reliability and response efficiency.
- Supervised AMC workflows for actuator systems across MCGM's potable water network, ensuring systematic preventive maintenance and reduced downtime.

• Multi-Site Coordination, Contractor Management & Issue Resolution

- Directed multi site task forces, coordinated contractors and ensured streamlined execution across multiple MCGM utility projects.
- Resolved real time technical challenges by aligning stakeholders, troubleshooting field issues and maintaining workflow continuity under demanding timelines.

Xylem Water Solutions India Pvt. Ltd.

15-Feb-2023 - 02-Jul-2025

2 Years, 4 Months, 17 Days**PROFILE:** Project Engineer**• Delay Analysis, Schedule Monitoring & Risk Reporting**

- Conducted delay analysis and monitored milestone variances across large municipal infrastructure projects, including the 418 MLD Dharavi WWTF (MCGM) which is one of India's tallest SBR configurations.
- Identified schedule risks, raised early warnings and escalated dependencies related to engineering approvals, fabrication stages, logistics and site readiness.

- Prepared structured risk registers, tracked slippages and presented schedule impacts during internal review meetings.
- **Project Tracking, MIS & Documentation Control**
 - Maintained comprehensive project trackers, procurement logs, dispatch schedules and approval matrices covering engineering, manufacturing and site installation phases.
 - Prepared MIS dashboards, progress summaries and variance reports for senior management and client review.
 - Ensured timely submission and closure of technical documents, vendor submissions, inspection reports and compliance files as per MCGM requirements.
 - Supported invoice documentation, billing follow ups and cash flow coordination through accurate reporting of physical and financial progress.
- **Stakeholder Coordination & Interface Management**
 - Coordinated with clients, consultants, vendors, engineering teams, SCM, quality and commissioning teams to align deliverables and resolve dependencies.
 - Facilitated structured review meetings and ensured smooth interface management between civil, mechanical, electrical and instrumentation activities.
- **Procurement, Vendor Management & Manufacturing Supervision**
 - Tracked end to end procurement cycles from PO release, vendor manufacturing, FAT readiness, dispatch approvals and logistics coordination.
 - Oversaw vendor performance, inspection workflows and documentation compliance to secure timely dispatch clearances.
- **Installation Planning, Commissioning Support & Site Readiness Monitoring**
 - Planned installation methodologies for multilevel SBR reactors and mixer systems, ensuring feasibility, safety and technical alignment.
 - Coordinated joint inspections, validated site readiness and supported commissioning by aligning equipment availability with project milestones.

INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 17 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.

MBA-APM | MBA in Advanced Project Management

- Studied the integration and functioning of engine systems, fuel injection mechanisms, and ECU components in modern vehicles.
- 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

- Contributed to planning and scheduling activities for the ₹2,450 Cr Redevelopment of Chhatrapati Shivaji Maharaj Terminus (CSMT) Station & Associated Infrastructure EPC Project by preparing Look-Ahead Plans using Primavera P6 and Microsoft Excel.
- Monitored project progress on the ₹2,450 Cr CSMT Redevelopment Project through baseline vs. actual schedule analysis, milestone tracking, and schedule variance reporting to support project control.
- Assisted in schedule crashing, critical path analysis, and construction sequencing for the ₹2,450 Cr CSMT Redevelopment Project, identifying opportunities to improve schedule efficiency.
- Reviewed EPC contract documents and prepared contract summaries while coordinating with execution engineers on the ₹2,450 Cr CSMT Redevelopment Project to facilitate accurate progress reporting.
- Gained practical exposure to structural steel construction, composite construction, foundations, and multidisciplinary project coordination across Planning, Execution, QA/QC, Safety, Design, and Procurement on the ₹2,450 Cr CSMT Redevelopment Project.

CERTIFICATION DETAIL

- AutoCAD Essential
- Post Graduate Diploma in Piping Design Engineering

ACHIEVEMENT DETAIL

- Awarded in Xylem India's Employee Reward & Recognition Program (Q1 2025) under 'Accountable to Deliver' for the 418 MLD STP Dharavi Project.
- Recognized in Xylem India's 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.