

# VISHAKHA UMATE

ARCHITECTURE & CONSTRUCTION PROJECT MANAGEMENT  
BIM DESIGN \_ ASSISTANT MANAGER \_ KALPATARU LIMITED

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## ABOUT ME

I considering as highly motivated and results-driven professional with a Master's degree in Construction Engineering and Management and a Bachelor's degree in Architecture. With **over 4.5 years of experience**, including 3.5 years as a Assistant Manager in the Architecture Design BIM at Kalpataru, I specialize in BIM collaboration and digital design solutions. Adept in architectural design and engineering, I have honed strong technical expertise in BIM software, ensuring seamless project delivery and enhanced team collaboration. Known for my academic excellence and proficiency in leveraging advanced software tools, I bring a strategic mindset and technical acumen to every project I undertake.

## EXPERIENCE

2022 - Present ASSISTANT MANAGER BIM DESIGN | KALPATARU LIMITED - Mumbai

- 03 years Residential Project: Expansia ( 10 Towers | 43 progressive Floor | Thane MH | NaMo Central Park Project)  
05 Months Kalpataru One Shree Ram Mills ( 03 Towers |G+70 Floor | Worli MH| One of the Tallest residential)
- Developed detailed **architectural, structural, and landscape BIM models** using **Autodesk Revit**, ensuring accuracy and coordination across disciplines.
  - Collaborating across disciplines to conduct design constructability reviews and visual checks using BIM360 platform and ensuring the feasibility and accuracy of designs.
  - Performing clash detection and generated reports to identify issues between disciplines, and led the resolution process by bringing all consultants together to address and ensuring project milestones were met.
  - Taking quantity takeoff from the structural model, providing precise material estimates for project planning and budgeting.

2021 - 2021 PROFESSIONAL MANAGEMENT TRAINING | CUSHMAN & WAKEFIELD PVT. LTD. - Ahmedabad

- 06 Months Industrial Projects: Heubach color pvt. Ltd. , Sarex Overseas, Avgol Nonwoven India pvt. Ltd.
- Tracking the projects, Monitoring planned vs. actual Completion, Preparing weekly & monthly Reports.
  - Part of steering committee meetings, Project Business Development Dashboard.

2019 - 2020 SENIOR ARCHITECT | MISAL ARCHITECTS & ASSOCIATES- Nagpur

- 01 years Row Housing Project Nagpur (4 Blocks | G+2 Floor | ₹ 10 Cr.)
- 3D modeling for Presentation to Releasing Working drawing for site, BOQ during development phase.
  - Supervising, Coordinating with site Team and Monitoring work as per schedule.
  - Managed signage design and placement, ensuring compliance with branding, safety, and accessibility standards.

## EDUCATION

- 2022 MASTER OF CONSTRUCTION ENGINEERING & MANAGEMENT  
Faculty of Technology, CEPT University, Ahmedabad, GJ (CGPA: 5.8 /10)
- 2019 BACHELOR OF ARCHITECTURE  
Institute of design education & Architecture Studies, MH (CGPA: 9.0 /10)
- 2014 PRE UNIVERSITY EDUCATION  
Dhrampeth M.P. Deo Memorial Science college, MH (CGPA: 6.6 /10)
- 2012 SECONDARY EDUCATION  
Vimaltai Tidke Convent, Nagpur, MH (CGPA: 7.8 /10)

## EXPERTISE

Autodesk Revit (Certified)  
BIM 360  
AutoCAD (Certified)  
Solid works  
MS PowerPoint  
MS Projects  
Google Sketch Up (Certified)  
Business Analysis PowerBI (Certified)

## RESEARCH PAPER & PORTFOLIO

- DRP on Forecast construction market risk and opportunity using ML. Identified lead indicator for sector market risk & opportunity to construction suppliers and forecasting it. Published at CEPT university for Mott Macdonald.
- DRP on Making Space to Place: Rethinking space of Abundant VCA Stadium. Identified Urban spoilage of area Rethink the usage as per suitable use urban scenarios at Nagpur. Published at IDEAS college.

## ACHIEVEMENT

COA Registered Architect  
GATE AR 2020 qualified AIR1251  
A grade in Intermediate exam  
State level Skating player