

# Mihir Gujarati

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## PROFESSIONAL SUMMARY

Construction professional with 3 years of experience delivering BIM-driven coordination, estimating, and field execution on complex commercial and residential projects. Proven ability to reduce rework, accelerate schedules, and improve construction outcomes through data-driven modeling and on-site coordination.

## EDUCATION

<b>Master of Science in Construction Management and Technology</b> Arizona State University   <b>GPA: 4.00/4.00</b>	<b>Aug 2024-May 2026</b> Tempe, Arizona
<b>Bachelor of Technology in Civil Engineering</b> Silver Oak College Of Engineering and Technology   <b>GPA: 3.20/4.00</b>	<b>Aug 2016-Sep 2020</b> Ahmedabad, India

## SKILL

- Software Skills:-** Autodesk Revit, AutoCAD, Navisworks, Solibri Office, InEight Estimate, Bluebeam, Procore, DroneDeploy, Twinmotion, Enscape, Microsoft office suite.
- Technical Skills:-**BIM, QA/QC,RFI Management, Project Scheduling, Quantity Takeoffs, Estimation, Scope Development, Safety Planning, Risk Analysis Drone-Based Progress Tracking, 3D Visualization, Construction Rendering.
- Certification:-** OSHA 10 , Procore Student Certification, LEED Green Associate, TRUST Certification for Pilots.

## PROFESSIONAL EXPERIENCE

<b>BIM Modeler  UniquesCadd, Ahmedabad, India.</b>	<b>Aug 2022-Jul 2024</b>
<ul style="list-style-type: none"><li>Executed 500+ LOD 300–500 Revit models for commercial and residential projects aligned with European standards.</li><li>Streamlined RFI tracking to improve cross-team coordination, reducing response time and minimizing project delays.</li><li>Conducted clash detection and scope validation, resolving 95% of conflicts pre-construction and minimizing costly field rework.</li><li>Delivered QA/QC reports and BIM documentation to support milestone approvals and client submissions.</li><li>Built and maintained a library of 100+ Revit families, increasing modeling speed and standardization.</li><li>Mentored new team members in BIM execution planning and workflow documentation.</li><li>Spearheaded BIM integration on 5 pilot projects, with 3 advancing to full-scale.</li></ul>	
<b>Field Engineer  Sanidhya Developers, Gandhinagar, India.</b>	<b>May 2021-Jun 2022</b>
<ul style="list-style-type: none"><li>Managed field execution for a 14-story, 56-unit residential tower, coordinating subcontractors and site logistics.</li><li>Prepared daily reports, look-ahead schedules, and billing records to track cost and progress.</li><li>Enforced site safety plans for 70+ workers, supporting compliant and incident free operations.</li><li>Collaborated with vendors, clients, and site teams to resolve issues, ensuring 98% of activities were completed on schedule.</li><li>Completed project amenities within budget and schedule, preventing cost overruns and delays.</li><li>Reduced material waste by 20% through lean inventory checks and reuse strategies.</li></ul>	

## ACADEMIC PROJECTS

<b>1) Construction Estimate and Bid Proposal – San Pedro River Bridge Replacement</b>	<b>Jan 2025-May 2025</b>
<ul style="list-style-type: none"><li>Created a detailed \$7.1M bid using InEight Estimating, including vendor quote analysis, subcontractor scope, equipment breakdown, and bond estimation.</li><li>Developed a construction schedule integrating cost milestones, lead procurement planning, and markup strategies.</li><li>Conducted risk assessment and scope validation based on jurisdictional constraints and environmental considerations.</li></ul>	
<b>2) Retrofit Opportunities Assessment – ASU Memorial Union, Tempe, AZ</b>	<b>Aug 2024-Dec 2025</b>
<ul style="list-style-type: none"><li>Evaluated system upgrades for HVAC, plumbing, and electrical infrastructure, aligned with lifecycle cost performance goals.</li><li>Prepared phased implementation schedules and scope-specific cost projections for stakeholder review.</li><li>Delivered final recommendations in a comprehensive report and stakeholder presentation.</li></ul>	
<b>3) Construction Operation Study – VERVE Tempe Student Housing Project</b>	<b>Aug 2024-Dec 2024</b>
<ul style="list-style-type: none"><li>Conducted work sampling and MPDM analysis to evaluate crew performance and identify schedule bottlenecks.</li><li>Proposed sequencing adjustments and utilization improvements for construction efficiency.</li><li>Modeled alternative planning scenarios to assess delay mitigation strategies.</li></ul>	