

# HARIKA CHITTA

Dallas-FortWorth,TX | [hchitta1108@gmail.com](mailto:hchitta1108@gmail.com) | +1 682-326-9912

[LinkedIn](#) | [Portfolio](#)

## OBJECTIVE

Detail-oriented and motivated Construction Management professional with a strong foundation in cost estimation , project planning, and architectural design. Seeking a challenging role where I can apply my expertise in project coordination, risk management, and construction planning to drive efficiency, ensure quality, and contribute to the successful execution of large-scale projects. Passionate about leveraging technical skills and industry best practices to deliver innovative and sustainable construction solutions.

## EDUCATION

**THE UNIVERSITY OF TEXAS AT ARLINGTON**– Arlington, TX

Jan 2023 - Dec2024

*Masters in Construction Management*

CGPA : 4.0

**SRI VENKATESHWARA COLLEGE OF ARCHITECTURE** – Hyderabad, India

Sept 2017 – Aug 2022

*Bachelors in Architecture*

CGPA : 7.87

## TECHNICAL SKILLS

- **Project Management & Estimation:** Procore, Bluebeam Revu, Insite, Primavera P6, Microsoft Project, RSMeans Cost Data
- **Architectural & BIM Software:** Revit, AutoCAD, SketchUp, Lumion, BIM
- **Rendering & Visualization:** Photoshop, Illustrator,VRay, Enscape, Twinmotion
- **Construction & Site Management :** Procore, PlanGrid, BIM 360, On-Screen Takeoff (OST
- **General Tools:** Microsoft Office (Excel, Word, PowerPoint), Google Workspace

## PROFESSIONAL EXPERIENCE

**First Infra LLC, Texas**

Jan 2025 - Present

*Project Engineer/ Pre-Construction Engineer*

- Performed detailed quantity takeoffs and material cost estimates for commercial and residential construction projects using Bluebeam and RSMeans.
- Collaborated with architects, MEP engineers, and structural consultants to align designs with project specifications and requirements, ensuring feasibility and suitability during preconstruction.
- Prepared cost breakdowns, budgets, and procurement schedules, ensuring alignment with design specifications, fabrication requirements, and lead times to support timely construction execution.
- Actively participated in client meetings to discuss design intent, clarify scope, and present cost-saving alternatives; detailed conceptual site plans incorporating zoning requirements such as parking, landscape buffers, setbacks, utility easements, and site-specific considerations like flood zones.
- Coordinated city permitting and approval processes, ensuring all documentation met local regulations and submission deadlines; collaborated closely with architects and engineers to incorporate necessary revisions related to the project.
- Maintained updated records of design revisions, permits, and bid proposals with clients and site engineers, meticulously documenting all ongoing changes and revisions to prevent delays and miscommunication.
- Cultivated and sustained strong relationships with sub-contractors, fostering a collaborative and efficient working environment within the realm of building construction.

**First Infra LLC, Texas**

Sep 2024 - Dec 2024

*Project Associate Intern*

- Assisted Project Managers in project reporting, job costing, and project billing.
- Conducted quantity takeoffs and preliminary cost estimates using CAD and Bluebeam to support bid preparation.
- Reviewed architectural and MEP shop drawings and change orders for cost impact assessment.
- Assisted in the preparation of weekly and monthly project reports for stakeholders.
- Maintained accurate and timely project documentation and correspondence.
- Assisted in preparing job start-up and closing documentation to streamline project workflows.
- Conducted project takeoffs using CAD and Bluebeam software for accurate material estimation.

- Created physical and digital models for architectural projects to aid design visualization.
- Supervised on-site work to ensure construction aligned with architectural plans.
- Worked on architectural projects, including villa communities and interior design.
- Developed 2D and 3D drawings using AutoCAD, SketchUp, and other design tools.

---

## **ACADEMIC PROJECTS**

---

### **Risk Management Plan for INTERNATIONAL LAND-SEA CENTER, CHONGQING- China**

*Spring'24*

- Developed a comprehensive risk management plan for the International Land-Sea Center in Chongqing, China, utilizing advanced risk analysis methods to mitigate potential impacts and ensure project success.
- Aligned project strategies with industry best practices to effectively control timelines, budgets, and quality, meeting stakeholder expectations.

### **Raw Water Pipeline Project – Field Operations (Course Project)**

*Fall'23*

- Led the execution of a comprehensive raw water pipeline project, coordinating trench excavation, material backfilling, and waste management across multiple segments.
- Implemented efficient equipment utilization and material hauling strategies to optimize project timelines and resources.

### **Construction Planning & Scheduling (Course Project)**

*Spring'23*

- Developed a comprehensive construction project plan, including scheduling, budgeting, and risk assessment.
- Utilized software such as Microsoft Project and Primavera P6 to create GANTT Charts and critical path analysis.

### **Construction Cost Estimating (Course Project)**

*Spring'23*

- Prepared an accurate construction cost estimate bid for a residential building project.
- Utilized RSMeans Cost Data and Excel to create detailed estimates, including materials and labor costs.
- Performed detailed quantity takeoffs for sitework, concrete, structural framing, architectural finishes, and MEP systems using Bluebeam and project drawings.
- Conducted a value engineering analysis to identify cost-saving alternatives without compromising project quality, and presented the findings as part of the final submission.

### **THESIS – Venue for the International Film Festival of India**

*Aug'22*

- Designed an entertainment complex incorporating auditoriums, exhibition spaces, and auxiliary areas with a focus on functionality and user experience

### **Urban Design – 15 Minute City**

*Aug'21*

- Designed a 15-minute walkable city with all the land uses and implemented the idea to a site in an existing suburb.
- Created a mixed-use walkable city design integrating transit, commercial, and leisure spaces within 15-minute accessibility.