

Sree Sai Charan Boddu

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RFIs | Budgeting | Schematic Diagrams | Scheduling | Research Skills | AutoCAD | Revit | Estimation
Electronic Project Administration | Primavera P6 | Quality Control | Project Estimates | Project Documentation

Field Engineer / Project Engineer / Construction Coordinator

Education:

- University of Texas, Arlington, Texas:** Master of Science in Construction Engineering and Management | **GPA: 3.82** **Anticipated May 2024**
Relevant Coursework: Advanced Project Controls, Construction Methods and Field Operations, Construction Finance, BIM, Project Administration, Risk Management, Temporary Structures, Construction Productivity, Foundation Analysis and Design
- Sri Venkateswara College of Engineering, India:** Bachelor of Technology in Civil Engineering | **GPA: 3.33** **July 2021**

Certification:

- OSHA 30 | CMIT | Bluebeam Essential Training | Primavera P6 Essential Training
- Procore Construction | Management Professional | IEDC project completion certificate (R&D)

Technical Skills:

- Construction Drawings & Specifications:** Ability to read, interpret, and implement Construction Documents.
- BIM & CAD:** Working knowledge of Revit Architecture, Navisworks, Green Building Studio, and AutoCAD.
- Software:** Proficiency in Primavera P6, RISA-2D, Bluebeam and MS Excel for Quantity Take-Offs and Cost Estimates
- Analytical Skills:** Planning project strategies, handling unexpected issues, and solving other problems arising in the construction project, estimating the cost, materials, and time to complete the project.
- Interpersonal Skills:** Effective Communication, Collaborative, Leadership, Team Player, Adaptability, Time Management & Prioritization

Work Experience

Graduate Teaching Assistant | University of Texas, Arlington, TX

Aug 2023 - Dec 2023

- Implemented assessment standards for 45 graduate students in CE 5320 Temporary Structures, encompassing Master's & PhD levels.
- Precisely reviewed assignments, projects, and exams to ensure adherence to established criteria and alignment with course objectives.
- Fostered academic excellence by curating comprehensive assessment criteria aimed at enhancing student learning outcomes.
- Demonstrated proficiency in evaluating student performance at both the Master's & PhD levels, ensuring equitable and fair evaluation practices.

Project Engineer | Experts Constructions PVT Ltd, India

June 2021 - July 2022

- Successfully estimated tasks and managed budgets for an \$11 million, 8000 square feet commercial project, achieving a remarkable cost variance of less than 2% and identifying cost-saving opportunities, resulting in a 20% improvement in project profitability.
- Diligently and effectively directed the Request for Information processes, ensuring the seamless and timely dissemination of necessary information to stakeholders, thus fostering enhanced communication and collaboration, while concurrently reducing errors by 40%.
- Successfully managed project timelines and consistently exceeded goals by 10% through meticulous planning of tasks, crew schedules, resource allocation, and proactive anticipation of obstacles, ensuring seamless project execution and client satisfaction.
- Played a pivotal role in project setup and closeout processes, ensuring efficient project initiation and closure, compliance with regulatory standards, and enhancing project efficiency and client satisfaction by 100%.

Field Engineer Intern | Experts Constructions PVT Ltd, India

Dec 2020 - May 2021

- Managed the seamless progression of commercial project development by meticulously coordinating construction field operations from inception to completion, ensuring 100% safety compliance and assurance throughout each stage.
- Served as the primary liaison for the client, delivering consistent updates on project advancement & addressing any concerns raised.
- Upheld meticulous construction documentation practices, including the maintenance of detailed progress and inspection reports, and effectively communicated any deviations from plans to project stakeholders, including management and engineers, along with relevant findings.

Self-Employment - Tirupati, India

May 2020 - Dec 2020

- Successfully assumed the multifaceted responsibilities of designer, estimator, and contractor for a personal residential project spanning 1300 square feet, achieving an impressive and noteworthy 20% reduction in construction expenses.
- Leveraged supplementary resources efficiently and executed tasks concurrently to expedite project timelines, resulting in a notable 15% completion ahead of schedule and demonstrating exceptional project management prowess.

Project Experience

- Utilized Microsoft Excel to execute comprehensive Planning, Scheduling, Quantity Take-off, and Cost Estimating for the Parkwood Hills Park project in Fort Worth, achieving a projected bid price totaling \$368,000 within a 19-week timeline.
- Formulated a meticulous construction strategy and field operation methodology for the Metro Tunnel Project, prioritizing strategic logistics planning and equipment selection to ensure compliance with OSHA regulations and project specifications. This approach facilitated smooth project execution despite the challenging digging depth of 60 feet.
- Conducted a comprehensive and rigorous evaluation of the performance and microstructure behavior of vibrated concretes with supplementary cementitious materials, specifically focusing on variations in M40 and M70 grades, to provide detailed insights and recommendations for enhanced concrete performance in construction projects.