Nikith Reddy Sarsam, PMP®

Project Engineer | Structural Engineer | Infrastructure Projects

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SUMMARY

Project and Structural Engineer with 6+ years of experience in EPC and infrastructure projects, including LNG facilities and large-scale industrial developments. PMP®-certified professional with strong expertise in reinforced concrete and structural steel design, project coordination, supplier document review, and compliance with international codes and standards. Proven ability to manage multidisciplinary teams and deliver high-value projects under tight schedules.

CORE COMPETENCIES

Project Management (PMP®) • EPC Projects • LNG Infrastructure • Structural Design • Schedule Control • Risk Management • QA/QC • Contract Administration • Stakeholder Coordination • RFIs & Submittals

CERTIFICATIONS

Project Management Professional (PMP®) – Project Management Institute (PMI), USA, 2026

EDUCATION

May 2020 Master of Science in Civil Engineering, Prairie View A&M University, Prairie View, Texas

May 2017 Bachelor of Engineering, Civil Engineering, JNTU, Hyderabad, India

EXPERIENCE

Civil/Structural Engineer | Worley · Houston, TX | 2023–Present

Project: Venture Global CP2 LNG – $10B LNG Infrastructure Project

- Supported delivery of a $10B LNG infrastructure program through multidisciplinary design coordination and quality assurance
- Conduct reinforced concrete and structural steel design reviews for large-scale LNG infrastructure projects
- Review and coordinate supplier documentation to ensure compliance with project specifications and international standards
- Coordinate with engineering leads and multidisciplinary teams to deliver approved design packages
- Organized and facilitated technical “Lunch & Learn” sessions to support knowledge sharing and professional development within project teams
- Supported junior engineers by reviewing work, providing technical guidance, and coordinating task assignments to meet project deadlines
- Manage RFIs and redline markups to support timely design revisions and approvals
- Review shop drawings and connection calculations for constructability and code compliance
- Prepare and review technical reports, calculations, and discipline deliverables
- Perform structural design calculations in accordance with AISC, ACI, and project standards
- Support QA/QC processes to ensure quality and consistency of project deliverables
- Apply PMP-aligned project management principles to track scope, schedule, and design milestones

EXPERIENCE — CONTINUED

EIT Graduate Engineer | Kuo & Associates, Inc. · Houston, TX | 2022–2023

- Coordinated utility and pipeline reference data from MUD, RRC, and major utility providers
- Designed detention ponds and drainage systems for infrastructure and park development projects
- Prepared KMZ files and DTM models to support roadway and site development designs
- Provided field and technical support to ensure safe and timely construction activities
- Conducted site investigations and pipeline depth verification for design validation
- Participated in multidisciplinary design review meetings and stakeholder coordination

Project Engineer | Nan, Inc. · Honolulu, HI | 2020–2022

Project: Honolulu Airport Restrooms Renovation – $8M Capital Project

- Contributed to successful delivery of an $8M airport renovation project in compliance with safety, quality, and schedule requirements
- Processed submittals, RFIs, cost proposals, and change orders
- Coordinated with subcontractors, consultants, and client representatives to accelerate RFI resolution
- Supported field operations to ensure quality, safety, and schedule compliance
- Conducted site inspections and vendor visits for quality assurance
- Supported bid preparation, scope development, and pre-construction planning
- Coordinated logistics for major site operations, including crane and rigging activities

Graduate Research Assistant | Prairie View A&M University | 2019

Research Project Title: Life Cycle Assessment of Mono-Crystalline solar PV system by Sima Pro

- Conducted life-cycle assessment (LCA) studies for solar PV systems using SimaPro
- Analysed environmental impact data related to energy use, emissions, and materials
- Prepared technical reports and research documentation

Field Engineer / Assistant Civil Engineer | Aditya Homes · Hyderabad, India | 2017–2018

- Reviewed contractor schedules, resource plans, and material estimates
- Supported planning and scheduling updates throughout project execution
- Prepared design drawings using AutoCAD and Civil 3D

ACADEMIC PROJECTS

- Assessment of Ambient Air Quality in Hyderabad using GIS
- Study on Bottom Ash as Replacement for Fine Aggregate in Concrete