

# SUHAS PATIL, CMIT

Suhaspatil270296@gmail.com • [linkedin.com/in/suhaspatil27/](https://www.linkedin.com/in/suhaspatil27/) • +1 (682) 283-4802

## EDUCATION

The University of Texas at Arlington

*Expected May 2021*

**Master's in Construction Management**

GPA: 3.83/4.00

People's Education Society University, Bangalore, India

*August 2014 - May 2018*

**Bachelor of Technology in Civil Engineering**

## WORK EXPERIENCE

**Graduate Research Assistant**

*February 2020 to Present*

Center for Underground Infrastructure Research and Education (CUIRE)

- Research Area: Spray Applied Pipe Lining for the Renewal of Culverts and Storm Sewers for \$500K funding from ODOT
- Perform installation of Strain gauge sensor and instrumentation of Linear Variable Differential Transformer (LVDT) and Cable Displacement Sensor (CDS) for Polymer and Cementitious types of pipelining
- Manage laboratory Hydraulic Actuator which includes enhancements, installation, and maintenance
- Support department faculty in academic work including preparing course materials, grading, and helping students to solve coursework problems and queries
- Assist faculty for preparing project proposals by performing literature review of research papers and scientific journals as per current research needs

**Project Engineer**

*August 2018 to June 2019*

Indian Institute of Technology, Madras, India

- Supervised the construction of two oil refinery berth 1 & 2, \$24 million project cost
- Reconciled contractor's monthly payment estimates to the project budgeted cost
- Collaborated with team and Project Manager to ensure the development of baseline schedules and identify critical paths
- Evaluated field problems, arranged project meetings, and coordinated timely review and resolution of on-site issues
- Worked on Requests for Information (RFIs) and Submittals for contract requirement compliance
- Managed material procurement and assured on-time delivery of the material as per planned activities
- Managed field work, scheduling, and pre-construction activities
- Recommended creative solutions for on-time delivery of project deliverables

**Project Engineer Intern**

*May 2017 to August 2017*

- Worked on construction of two container berth West quay 1 and 2, \$84 million project cost
- Developed Quantity take offs for 35 marine piles and T-diaphragm walls
- Performed regular laboratory concrete tests for quality assurance and composed Concrete mix design reports
- Coordinated with Project Manager to create and respond to RFI's and bid packages

**Project Engineer Intern**

*June 2016 to July 2016*

Jawaharlal Nehru Port Trust, Mumbai, India

- Worked on construction of 4<sup>th</sup> Container Terminal Reclamation and road work worth \$110 million in cost
- Monitored 11 concreting and hydraulic testing of marine piles
- Prepared and submitted daily construction reports and documented project progress
- Coordinated with the team, and contractor for quality assurance and control inspections to meet drawings and specifications

## TECHNICAL SKILLS

- |                    |                |              |
|--------------------|----------------|--------------|
| ▪ Microsoft Office | ▪ Primavera P6 | ▪ Revit      |
| ▪ Plaxis 2D        | ▪ Vu360        | ▪ STAAD Pro  |
| ▪ BlueBeam Revu    | ▪ AutoCAD      | ▪ Timberline |

## PROJECTS

1. Nukote Coating Systems PP300 Pipe Lining (Research Project)  
*Aug 2020 – Present (Ongoing Project) | Graduate Research Assistant*
2. Spray Applied Pipe Lining for the Renewal of Culverts and Storm Sewers for ODOT (Research Project)  
*Feb 2020 – Present (Ongoing Project) | Graduate Research Assistant*
3. Metro Station Excavation and Hauling (Academic Project)  
*Feb 2020 – May 2020 | Field operations, Equipment selection, Cost Estimation*
4. Palo Duro Canyon State Park (Academic Project)  
*Aug 2019 – Dec 2019 | Cost Estimation, Scheduling, and planning*

## HONORS AND LEADERSHIP EXPERIENCE

- ✓ NASTT South Central Chapter Graduate Scholarship
- ✓ Vice President, North American Society of Trenchless Technology (NASTT) at UTA, Texas
- ✓ Treasurer, American Society of Professional Estimators Chapter (ASPE) at UTA, Texas
- ✓ Volunteer Coordinator, CUIRE schools and Underground Construction Technology (UCT) 2020 held at Fort Worth, Texas