

# VAISHNAV KUMAR SANIL HOSABETTU

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## EDUCATION

### Stevens Institute of Technology - New Jersey, USA

December 2021

Master of Engineering, Construction Engineering and Management

GPA: 4.0/4.0

Relevant Coursework: Advanced Project Controls in Built Environment, Construction Scheduling, Large Scale Project Cost Analysis, Temporary Structures in Heavy Construction, Sustainable Design, Construction Safety Management

### Harvard Business School Online - Massachusetts, USA

June 2020

eDiploma, Credential of Readiness (CRe)

Coursework: Financial Accounting, Business Analytics, Economics for Managers

### NMAM Institute of Technology - Karnataka, India

May 2018

Bachelor of Engineering, Civil Engineering

GPA: 3.4/4.0

## EXPERIENCE

### Saif Bin Darwish

Abu Dhabi, UAE

Trainee Engineer

November 2018 – November 2019

- Coordinated with Project Engineer in obtaining information and approvals for processing shop drawings and materials
- Reviewed contract drawings, specifications and shop drawings to ensure proper coordination and installation
- Applied Kaizen concept of Time and Motion study thus accomplishing 50% increase in overall productivity
- Designed storm water and waste water drainage lines using AutoCAD for design drawings
- Analysed and updated project schedules, compared progress with baseline schedule leveraging Earned Value Management
- Strategized procurement plan for materials to meet project schedule and budget with minimal wastage
- Implemented site safety program as required and ensured subcontractor compliance with applicable safety codes
- Performed quantity take-offs for change orders and assisted with preparing detailed estimate

## CERTIFICATIONS/LICENSES

- CAPM® (Certified Associate in Project Management)
- CMIT (Construction Manager-in-Training)
- OSHA-30 (Occupational Safety and Health Administration 30 - Hour Construction Safety Training Certification)
- NEBOSH IGC (International General Certificate by National Examination Board in Occupational Safety and Health-UK)
- SIIRSM (Specialist Member of International Institute for Risk and Safety Management)
- New Jersey Class "D" Driver's License

## ACADEMIC PROJECTS

### Project Management Plan, New Jersey, USA

January 2020 – May 2020

- Prepared Project Management Plan for a residential project costing \$583,500 with Design-Build delivery method as part of graduate coursework on Advanced Project Controls in Built Environment comprising of 10 knowledge areas
- Utilised Critical Path Method for creating Baseline Schedule of project by working on Microsoft Project

### Sustainable Design of 3 BHK Residential Project, New Jersey, USA

January 2020 – May 2020

- Designed an energy efficient and sustainable building using REVIT by deploying TESLA solar roof, Geo-Thermal heat pump and environmentally friendly materials; resulted in energy simulation value of 43.6 USD/sq. ft/year operating on INSIGHT
- Engineered 57% reduction in water consumption by conducting EPA's Water Budget Analysis

### Double Interlocking Stabilised Soil Masonry Blocks, Karnataka, India

January 2018 – May 2018

- Led a group of 5 students in undergraduate final semester project for designing and manufacturing 5%, 10% and 15% cement stabilised interlocking blocks for framed structures, load bearing and non-load bearing walls
- Reduced cost of construction by 6% over laterite construction and 56% over first-class brick construction

## SKILLS

**Project Management Tools**: MS Project, Primavera P6, Procore, Bluebeam, MS Office

**Modelling Tools**: AutoCAD, Revit

## ACTIVITIES

- Mentoring first semester graduate students as part of Masters Peer Mentor Program August 2020 – Present
- Worked as part of Orientation Committee – Orientation Leader for incoming graduate students August 2020