

SIDDHARTH POTHUKUNURI

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ, USA

May 2023

Master of Science in Construction Engineering and Management, **GPA: 3.63**

Courses: Construction Project Scheduling | Construction Safety Management | Engineering | Computer Applications in Construction process | Large Scale Project Cost Analysis | Contract Law | Project Management

Jawaharlal Nehru Architecture and Fine arts University, Hyderabad, TS, India

Sep 2015 – Jul 2020

Bachelor of Architecture

Technical skills: • MS Project • Procore • Bluebeam • MS Excel • Primavera P6 • Navisworks • BIM 360 • AutoCAD • Revit • Sketch Up • Lumion • Vray • Photoshop • 3ds max • OSHA 30

Professional skills: • Construction Management • Project Documentation • CPM Scheduling • Cost Accounting • Building Information Modeling • Safety Planning • Submittal Management • Quality Management • Communication Skills • Organizational Skills

Competencies: • Teamwork • Communication • Planning • Multi-tasking • Integrity • Analytical thinking reasoning • Initiative • Designing • Problem solving • Adaptability • Management • Leadership

EXPERIENCE

Raj Associates, Hyderabad, TS, India | Junior Architect | Estimator

Mar 2020 – Nov 2021

- Associated with a Senior architect in estimation of **bill of quantities** in accordance with vendors
- Communicated with various vendors for materials in suitable client's budget, made a **quality control**
- Planned, scheduled various activities in construction process by categorizing, evaluating **critical path** of 48 days using MS Project, to anticipate, diminish, prevent delays, risks in residential project
- Initiated meetings with clients, architect; directed regular work to finish on allocated time using **excel**

FHD Group of Architects, Bengaluru, KA, India | Internship | Architecture Dept

Sep 2019 – Feb 2020

- Collaborated in design process, rendering, landscape designs with a group of architects for a gated community housing; analyzed planning of 300 residential units using **Sketchup, Lumion**
- Designed, Developed MEP plans of a high raised apartment with a carpet area of 50000sqft using **AutoCAD**
- Extracted a facade design for aesthetics of commercial building, demonstrated detail plan of a kitchen, bathrooms; achieved 100% compliant model using **Sketchup**
- Designed a hotel in a Rajasthani (North Indian cultural) style of architecture with standards of Indian Green Building Council; projected a 3D model on **SketchUp software**

ACADEMIC PROJECTS

Quantity and Cost Estimation | Navisworks | Clash Detection | RS Means | Solibri

Apr 2023

- Developed a **Work Breakdown Structure** of a residential unit; Performed quantity takeoff using WBS in **Navisworks** and prepared, exported quantities to **Cost Summary** and **Division Summary** Sheets
- Employed **RS means** to calculate total direct costs of doors, windows, structural components for this project to be \$73000
- Detected 223 clashes during clash detection of with tolerance set at 0.001m and clash type as **hard** using **Navisworks** and **Revit**, provided workable alternatives to resolve the clashes
- Executed **Solibri** Model Checker to ensure adherence to a specific ruleset to fulfill permit criteria

Stevens Global center

Apr 2022

- Formed a team, plotted, estimated a building block in university with 5 in group of civil engineers, architects, interior designer; depicted an environmentally feasible model in a floor area of 33000sqft
- Delegated tasks between teammates into design part, financial analysis, led whole team to work together, ensured to complete in allocated time; attained blueprints, 3D model in a month