

SHAIK MURASHA VALLI

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CAREER OBJECTIVES

To leverage my expertise in AutoCAD, Revit, and structural detailing to contribute to Milekal Inc.’s steel design projects with precision and efficiency, while continuously improving my modeling and documentation skills.

EDUCATIONAL DETAILS

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|---|-----------------------|
| KSRM COLLEGE OF ENGINEERING | Kadapa, AP |
| Bachelor of Technology in Civil Engineering – CGPA: 7.7 | Sep 2023 – (Pursuing) |
| GOLDEN VALLEY INTEGRATED CAMPUS | Madanapalli, AP |
| Diploma in Civil Engineering – 73% | April 2019 - May 2022 |
| HOPE MUNICIPAL HIGH SCHOOL | Madanapalli, AP |
| SSC – 8.2 | May 2018 – March 2019 |

INTERNSHIP AND WORKSHOPS

INTERNSHIP EXPERIANCE:

APSSDC – Revit Architecture (May–July 2025, 2 Months)

- Modeled G+2 residential building layouts and created realistic rendering using Enscape.

WORKSHOPS:

APSSDC – AutoCAD (11/12/2023–16/12/2023, 1 Week)

- Prepared 2BHK house plan including column layouts, beam layouts, sections, and elevations in imperial units (feet and inches).

RESEARCH PROJECTS

- Crack-Filling Mortar Using GGBFS and Chemical Additives (Ongoing):**
 - Developed** an innovative self-curing mortar mix incorporating **GGBFS**, **Na₂SO₄**, **Na₂SO₃**, plasticizers, and fibers.
 - Achieved up to 30% higher compressive strength** compared to conventional cement mortar.
- Currently preparing a research paper for conference publication and patent application.

ACHIEVEMENTS AND CERTIFICATIONS

Achievements:

Blueprint Battle (May 2024)

- First Prize in KONNECT 2K24 (2024), KSRM College of Engineering.

Internal Smart India Hackathon (27/08/2024)

- Participated in the event, presented an **innovative idea on ‘Self-Curing Fly Ash Concrete,’** and received a certificate for creativity and problem-solving in sustainable construction.

Certifications:

- **AutoCAD and STAAD.Pro** – Vishwakarma Institute of Civil Engineering, Chittoor
- **Detailer Training Series** – Organized by *American Institute of Steel Construction (AISC)*
- **SketchUp, Enscape, and V-Ray** – PTS CAD Expert (Online)
- **Revit** – Andhra Pradesh State Skill Development Corporation (APSSDC, Online)
- **Building Planning using AutoCAD** – Andhra Pradesh State Skill Development Corporation (APSSDC)
- **Model Making** – Organized by *JIGNASA 2K24*, G.P.R.E.C Kurnool
- **Architectural Modeling using Revit** – Andhra Pradesh State Skill Development Corporation (APSSDC)

TECHNICAL SKILLS

- **Design Tools:** AutoCAD (2D Drafting), Tekla (Basic), Revit (Architectural Modeling), SketchUp + V-Ray (Visualization), Enscape (Rendering).
- **Structural Analysis:** STAAD.Pro (Basic Analysis).
- **Documentation:** MS Word, Excel.
- **Presentation:** PowerPoint.
- **Soft skills:** Quick learner, Time management, Teamwork, and Strong work ethic.

S. Murasha Valli
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