

Professional Summary:

Shirish is a licensed Civil Engineer in multiple states and has a broad range of experience in Civil Engineering, with experience in telecom structural engineering, forensic structural engineering as well as construction. His forensic experience includes over 500 civil and structural forensic assignments related to residential, commercial and industrial claims to determine cause of loss in steel, wood, concrete, and masonry structures; construction defects; water intrusion; building code compliance geotechnical and foundation failures. He has worked as Student Trainee Engineer on academic buildings in India and structural engineering firm specializing in telecom structures and forensic investigations in Atlanta. He also has extensive knowledge of International Building Codes, as well as extensive experience analyzing and evaluating all major structure types.

Some of his specific areas of expertise are as follows:

- Forensic investigations of building structures
- Structural analysis of different types of buildings
- Hail / Wind damage to Roofs – Commercial and Residential
- Construction Defect Evaluation
- Telecom Structural Engineering
- Project management

Licenses and Certifications:

Professional Engineer, South Carolina, License #38911

Professional Engineer, North Carolina, License #052601

Professional Engineer, Georgia, License #PE048798

Professional Engineer, Texas, License #138130

Professional Engineer, Montana, License #71026

NCEES Registration: 16-318-38

Project Experience:

EFI Global, Inc/EFI Global of NC PC, Charlotte, NC Structural Assessment/Investigation – Hilton Head Island, SC

The project involved inspection of building for excessive deflection. The examination revealed the presence of framing issues. A detailed report was authored with the deficiencies leading to the issue.

EFI Global, Inc/EFI Global of NC PC, Charlotte, NC

Roof Assessment/Investigation – Myrtle Beach, SC

The project is moisture intrusion and roof covering assessment of residential dwelling for reported storm damage. Performed a site investigation to collect evidence, reviewed weather data, and determined the cause of damages to the roof.

EFI Global, Inc/EFI Global of NC PC, Charlotte, NC**Roof Assessment/Investigation – Florence, SC**

The project is moisture intrusion and roof covering assessment of a commercial structure for reported storm damage. Performed a site investigation to collect evidence, reviewed weather data, and determined the cause of damages to the roof. Project completed on budget and on schedule.

EFI Global, Inc/EFI Global of NC PC, Charlotte, NC**Building Collapse/Investigation – Ridgeland, SC**

The project is a partially collapsed commercial structure for reported storm damage. Performed a site investigation to collect evidence, reviewed weather data, and determined the cause of damages to the structure. Project completed on budget and on schedule.

EFI Global, Inc/EFI Global of NC PC, Charlotte, NC**Building Structural Assessment/Investigation – Myrtle Beach, SC**

The project is structural investigation of a condominium building after a fire accident. The assignment was to inspect the building for structural integrity and deciding on demolition or repair based on the extent of structural damage. Performed inspection of individual units, foundation and structural members for the structural integrity of the overall building. A detailed report was authored about the extent of damage of individual units and overall building to meet client requirements.

Destek Engineering, Marietta, GA**Structural Analysis of Building for New Telecom installation - California**

The project involved installation of new custom mounts for antenna equipment and equipment platform for batteries and other telecommunication cabinets. The work involved analysis of custom mounts, glulam beams, concrete parapet walls, wooden columns and design of anchoring system, equipment platform and the reinforcement for joists.

Professional Experience:

Destek Engineering, 2017-2019

EFI Global, Forensic Engineer/Forensic Structural Engineer, 2019- Present

Education:

Master of Science, Civil Engineering, Clemson University, Clemson, 2017

Bachelor's of Engineering, Civil Engineering, Osmania University, Hyderabad, India, 2015