

# HARSH RAJ

## INTERN

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### PROFILE

Highly motivated Civil Engineer with a Bachelor's degree in Civil Engineering. Proficient in AutoCAD, structural analysis, and project management. Experienced in site inspections, surveying, and drafting technical reports. Strong problem-solving skills and ability to work collaboratively in multidisciplinary teams. Seeking an internship position to apply theoretical knowledge in a practical setting, contribute to innovative projects, and gain hands-on experience in the field of civil engineering.

### EDUCATION

**B-tech Civil Engineering**  
NIT - BHOPAL

11/2022 – 06/2026  
BHOPAL, INDIA

### INTERESTS

BADMINTON | COMPUTER PROGRAMMING

### SKILLS

#### AUTO CAD

Proficient in AutoCAD, adept at creating detailed technical drawings and plans for civil engineering projects. Skilled in utilizing AutoCAD's features to design, analyze, and modify blueprints, layouts, and schematics. Capable of producing accurate 2D and 3D models, ensuring adherence to industry standards and project specifications. Familiarity with layer management, dimensioning, and annotation tools to facilitate effective communication of design intent. Efficient in troubleshooting and resolving issues related to drafting and design processes within the AutoCAD environment.

#### PYTHON PROGRAMMING

I HAVE LEARNT BASIC PYTHON AND WEB DEVELOPMENT IN PYTHON

#### STRUCTURAL ANALYSIS

Proficient in structural analysis techniques, employing software tools like SAP2000 or ETABS to assess the behavior and performance of building structures under various loads and conditions. Skilled in modeling, analyzing, and interpreting structural components and systems to ensure structural integrity and safety. Experienced in performing static and dynamic analyses, including seismic and wind load calculations, to optimize designs and mitigate potential risks. Able to interpret analysis results and collaborate with design teams to implement effective structural solutions.

#### LEADERSHIP

Demonstrates strong leadership qualities, adept at guiding and motivating teams to achieve common goals. Capable of effectively delegating tasks, fostering collaboration, and resolving conflicts to ensure smooth project execution. Exhibits excellent communication and interpersonal skills, facilitating productive interactions within multidisciplinary teams. Skilled in decision-making, prioritizing tasks, and managing time efficiently to meet deadlines. Shows initiative in taking on responsibilities and providing guidance to peers, contributing to a positive and dynamic work environment. Committed to continuous learning and improvement, adaptable to new challenges and opportunities for growth.

### LANGUAGES

ENGLISH

HINDI