# John Smith

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#### Education

NIT Bangalore, Bangalore
B.Tech in Civil Engineering

2020 – 2024

St. Joseph Junior College, Bangalore
Intermediate (MPC)

Creenwood High School, Bangalore
Secondary School Certificate (SSC)

2016 – 2018

## Internships & Work Experience

#### XYZ Constructions, Bangalore

Summer 2023

Intern - Structural Analysis Tools: AutoCAD, SAP2000

- Assisted in designing residential building layouts and load analysis.
- Prepared structural drawings and optimized material usage to reduce costs.

## **Projects**

#### **Bridge Design Optimization**

- Used AutoCAD and SAP2000 to design a highway bridge structure.
- Optimized load distribution and material selection to improve efficiency.

#### Road Pavement Condition Survey

- $\bullet$  Collected road data and analyzed pavement conditions using Python and Excel.
- Proposed maintenance prioritization plan for efficient resource utilization.

#### Skills

Software: AutoCAD, SAP2000, Excel

**Languages:** Python, C++

Other: Project Management, Data Analysis

### Positions of Responsibility

## Civil Engineering Association

Joint Secretary (2022–23)

## Spring Fest Organization Team

Sub-Core Member (2021–22)

#### Achievements

- Secured Top 5% in National Engineering Aptitude Test.
- Won Best Project Award in NIT Bangalore Tech Expo.