

# NAVEEN C

SITE ENGINEER



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## CORE COMPETENCIES

- Structural Design and Analysis
- Building Information Modelling (BIM)
- Site Supervision and Project Coordination
- Feasibility Studies and Cost Estimation
- Construction Safety and Compliance
- Surveying and Dimensional Drawing
- Project Budgeting and Scheduling

## EDUCATION

Bachelor of Engineering (B.E.) in Civil Engineering  
St. Joseph's College of Engineering, Chennai | 2018 – 2022 - CGPA: 7.8/10.

Higher Secondary (12th Grade)  
Sai Matriculation Higher Secondary School, Madipakkam, Chennai | 2017 – 2018 - Percentage: 82% .

Secondary Education (10<sup>th</sup> Grade)  
Sai Matriculation Higher Secondary School, Madipakkam, Chennai | 2015 – 2016 - Percentage: 93.2% .

## PROFESSIONAL PROFILE

I am currently employed at TATA Consultancy Services as a System Engineer with 2.5 years of experience in cloud computing, Azure, Azure DevOps, and Azure pipelines. I have a strong background in installing, configuring, administering, and troubleshooting IBM WebSphere Application Server 8.5 in production environments. My expertise extends to maintaining both web and app servers, as well as managing cloud storage. I am also well-versed in various operating systems, including AIX, Linux, Windows, and have experience with Tomcat and Nginx.

Throughout my career, I have provided 24/7 support in shift-based environments, ensuring 99.9% system uptime and rapid resolution of critical production issues. I have successfully collaborated with American clients in the healthcare sector, delivering consistent production support and maintaining high system availability.

In my future role as a Civil Site Engineer, I aim to leverage my technical skills to streamline workflows, reduce unnecessary workloads, and introduce efficient system management strategies to optimize project execution.

## PROFESSIONAL EXPERIENCE

### MIDDLEWARE SYSTEM ENGINEER

JULY 2022– PRESENT

#### TATA Consultancy Services

- Administered cloud-based solutions and supported the deployment of infrastructure in Azure, streamlining workflows and ensuring the stability of engineering software tools used for civil projects.
- Collaborated with DevOps teams to automate processes, improving system uptime and reducing deployment time by 30%.
- Worked in a production environment with 24/7 support, ensuring seamless functionality of applications critical to project delivery for clients in the healthcare sector.
- Optimized system configurations to ensure high availability, resulting in a 99.9% uptime across all platforms.
- Actively engaged in troubleshooting and resolving issues, applying critical thinking and technical expertise to minimize disruptions in project timeline

### Site Engineer Intern

#### Aadithya Builders, Chennai

- Managed construction tasks and conducted site surveys, making sure the plans were implemented accurately.
- Examined technical designs and drawings to confirm their correctness and alignment with project standards.
- Managed sections of construction projects, coordinating resources and ensuring the work met project needs.
- Compiled site reports and tracked progress, recording all construction activities.
- Made sure health, safety, and environmental guidelines were followed, ensuring compliance with laws and regulations.
- Oversaw project components, ensuring they met the required standards and stayed within budget.

## Certifications and Training

- Master Diploma in Product Design and Analysis  
Proficient in AutoCAD, Revit Architecture, SketchUp, STAAD Pro, and 3ds Max.
- Building Information Modelling (BIM) Workshop – CADD Centre, Chennai | Sept 2019
- Virtual Reality in Building Design – Design and Analysis Centre, Chennai | Oct 2019
- Site Visiting Workshop – UNIQ Technologies, Chennai | June 2019

## Additional Skills & Responsibilities

- AutoCAD, Revit, STAAD Pro, 3ds Max, SketchUp
- Drafting, modelling, and visualization of civil structures
- Cloud-based solutions and automation in civil engineering workflows
- Estimating, quantity surveying, cost control, and site organization
- Coordinating subcontractors and ensuring compliance with health, safety, and quality standards.

## Site Engineer Intern

### UNIQ Technologies, Chennai | June 2019

- Supervised site activities and coordinated with subcontractors to ensure smooth workflow.
- Monitored construction processes, including formwork renewal, reinforcement placement, and concrete pouring.
- Ensured safety compliance and adherence to project timelines and quality standards.

## Project Intern (Structural Analysis)

### KAASHIV Infotech, Chennai | May 2020

- Applied ANSYS for the analysis of structural components to optimize designs.
- Collaborated with senior engineers in conducting feasibility studies and preparing technical reports.

## Municipal Administration and Water Supply department (04.03.2021 – 05.04.2021)

- Experienced in the various fields of this office in engineering section, and have gained some knowledge in site instructions, estimation, tendering process etc.

## PROJECT HIGHLIGHTS

- **Analysis and Design of G+3 with Evapotranspiration Basin**  
**Tools Used:** AutoCAD, Revit, STAAD Pro  
**Key Achievement:** Optimized water management systems, reducing project costs by 10-12%.
- **Design and Analysis of G+4 Residential Building**  
**Tools Used:** AutoCAD, Revit, STAAD Pro
  - Prepared design and structural analysis for a multi-story building, ensuring structural integrity under various load conditions.
- **Plan, Design, and Analysis of School Building**  
**Tools Used:** STAAD Pro, AutoCAD, Revit Architecture
  - Conducted comprehensive structural analysis for a school building layout, ensuring compliance with safety and design regulations.
- **Enhancement of Clayey Soil Using Ash from Banana Peel Bio Powder**  
**Key Findings:** Found that 6% bio powder significantly improved soil strength, offering a cost-effective solution for subgrade stabilization.
- **Enhancing Clayey Soil Stability Using Biomass Char**  
**Key Findings:** Successfully improved the stability of clayey soil with 5% biomass char, providing an environmentally friendly approach to soil stabilization.

## CONFERENCE

- Attended the conferences which have conducted by the UltraTech Cement in the weekly based which helps me to gain the knowledge on design and optimization, Pavement management system

## VOLUNTEERING AND COMMUNITY WORK

- Participated in neighbourhood initiatives to renovate seven dilapidated buildings and improve structural integrity.
- Assisted in cleaning and maintaining local ponds and lakes as part of a community temple project.