

# SIDDHARTA BHOWMIK

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## CAREER OBJECTIVE

To work in an environment that challenges me to improve and constantly strive for perfection in all the tasks allotted to me.

## EDUCATION

<u>QUALIFICATION</u>	<u>COLLEGE</u>	<u>YEAR</u>	<u>PERCENTAGE/CGPA</u>
Master of Science in Civil Engineering	IIT Madras	2023- Present	-
B.Tech (Civil Engg)	NIT, Silchar	2022	9.23 CGPA
HS (CBSE)	Kendriya Vidyalaya Silchar	2018	93.8
10 <sup>th</sup> (CBSE)	Kendriya Vidyalaya Silchar	2016	10 CGPA

## SOFTWARE SKILLS

- AutoCAD (2D and 3D)
- STAAD Pro (Intermediate)
- ETABS ( Basic)
- C Programming
- Python
- Others- MS word, MS excel, MS PowerPoint

## CERTIFICATIONS

- AutoCAD certification by Tech Booster
- Structural and Foundation Analysis certification by Skyfi Labs

## Research Interest

- Computational Solid Mechanics

## INTERNSHIP/TRAININGS

### **Public Works Roads Department (PWRD)**

#### **1 month winter training**

12<sup>th</sup> Nov – 12<sup>th</sup> Dec 2020

- Identifying the different machines used during road construction
- Manufacturing process of Dense Bituminous Macadam (DBM)
- Study of the different sub-grade layers.

### **Public Works Department (Building)**

#### **1 month winter training**

29<sup>th</sup> Dec 2020 – 28<sup>th</sup> Jan 2021

- Piling work
- Construction of Raft Foundation
- Lab testing of materials to be used for construction

### **Indian Institute of Technology Guwahati**

#### **Online Summer Internship**

Under Dr. Anjan Dutta (Professor, Civil Engineering Deptt.)

5<sup>th</sup> July – 19<sup>th</sup> August, 2021

Title of work – Six Storey Rectangular Building Analysis and Design using STAAD Pro.

## Hobbies

- Playing Cricket
- Listening Music

## PROJECTS

- Analysis and Design of G+3 residential building using STAAD Pro software with Structural Detailing and manual calculations of all the structural components.
- Analysis and Mitigation of river bank erosion.