

VIPIN SAINATH

CIVIL ENGINEER

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Enthusiastic and conscientious young individual, that is passionate about design and the execution of piling work and other RCC structures, for the improvement of society. work well in fast paced achievement focused environments and am striving to extend my knowledge in design and steel structure construction.

EDUCATION

2013-2017

VEL TECH HIGH TECH ENGINEERING COLLEGE, CHENNAI

Bachelor of Engineering – Civil

6.78 CGPA

May 2013

ST.BEDE'S ANGLO INDIAN HIGHER SECONDARY SCHOOL

Completed higher secondary

PROFESSIONAL EXPERIENCE

July 2017 – July 2018

Site Engineer, Dept. of ocean engineering, IIT Madras

ICSR (Industrial Consultancy and Sponsored Research) is a department/centre in IIT deputed by Central Government. It provides consultancy services (Design and PMC) to various departments in IIT and lots of live projects are being handled by IIT professors.

- On-site Authorized personnel, responsible for implementing and overseeing the construction work occurring on site.
- Carried out multiple tests on site, such as Non-destructive tests and Pile integrity tests (as per Indian standards).
- Prepared Monthly Progress report for utilisation of higher management
- Provided guidance and assistance to supervisors by clarifying things they are uncertain of
- Involved in weekly and monthly progress review meetings where discussion of targets are facilitated, contributing to these meetings by providing essential ideas in relation to improvement of efficiency.

- Analyse and design piling, work independently and ensure that designing is done in a cost-effective manner.
- Tender design preparation, preliminary design and detailed structural drawings.
- Prepare with clarity and structure design basis, detailed project and technical feasibility reports.
- Experience in Bill of quantity and quantity estimation.
- Experienced in Detailing Reinforced Concrete structures, particularly Detailing of Pile
- High level of experience in piling works both execution and design
- Experience in design and detailing of Precast RCC (reinforced cement concrete) members.

DESIGN PROJECTS COMPLETED:

- Design and Analysis of Ro-pax jetty Connecting Krushnaprasad and Balugaon at Odisha state (community development).
- Design and Analysis of Coastal Berth 1 & 2 at Cuddalore Port.
- Design and Analysis of Slipway Building including crane shed at Andaman and Nicobar Zone, Port Blair.
- Preliminary design of cruise terminal at outer of Visakhapatnam port trust and Preparation of Design Basis Report (DBR) and Cost estimate accordingly.

SKILLS

TECHNICAL SKILLS:

- **AutoCAD** – Full Professional Proficiency
- **STAAD.Pro**–Full Professional Proficiency
- **E-Tabs**– Moderate Proficiency

Communication: Developed communication skills by constantly conversing with clients, attending to their requirements and answering their queries.

Teamwork: Worked well in multiple 3 people team projects, always maintaining enthusiasm and a positive attitude

Leadership: Possess the ability to effectively lead and manage each team, ensuring that each project is completed to the highest quality. Managing and motivating diverse groups of people and professionals has highly refined my leadership skills.

Visualization Skills: strong ability to imagine the finished product, along with visualizing the composition of complex components

Critical thinking: Able to solve complex technical problems throughout projects and develop creative solutions, that are safe, efficient and cost-effective

REFERENCES

Provided upon request