

PRIORATA CHOWDHURY

J/14/0703 S.P SHUKHOBRIHTI, AA-III, AKANDAKESORI NEWTOWN KOLKATA-700135, West Bengal. prioratachoudhury@gmail.com/+918766223341

Summary

Insightful Junior Engineer with 2.5 years of engineering experience. Proficient in calculating loads, estimating costs and determining design specifications. Motivated professional with history positively impacting projects through attention to detail and skilled designs. Diligent Engineer takes responsibility for ongoing projects and new endeavor planning. Provides deep technical knowledge and common-sense business acumen for initiatives. Committed to reaching business goals through technical management and impactful analyses. Flexible hard worker ready to learn and contribute to team success.

Key skills

- Project workflow management.
- AutoCAD Expertise(2D Drafting & 3D Modeling Building).
- Knowledge of IS Code.
- Schematic Reading.
- Blueprint Reading.
- Proficient in Building Construction.
- Engineering Support.
- Quality Assurance understanding.
- Quality Assurance Controls.
- Advance Mathematical Abilities.
- Project Management.
- 3D Design & simulation software.
- Construction Administration.
- FEA and failure analysis.
- Microsoft Office. ●Excel. ●Microsoft Word.
- Quick Learner.
- Time Management.
- Management and Leadership Abilities.
- Analytical Skills.
- Presentation and Communication.
- Networking Skills.

WORK EXPERIENCE/ WINTER INTERNSHIP

- **Nitigya Construction Pvt.Ltd (Oct'17-Mar'20)**

Junior Engineer

Responsibilities : ▪Reviewed corrections from senior engineers to learn and grow professionally.▪Performed inspections of finished constructions.▪Developed written specifications for projects.▪Surveyed sites, collected measurements, and assessed project conditions.▪Managed project design under the direction of experienced engineering professionals.▪Collaborated with other disciplines and clients to resolve issues efficiently.▪Created drawings to outline project steps. Estimated quantities and costs of project materials for owner review.▪Evaluated system requirements and sourced components. ▪Evaluated architectural plans and consulted with clients to understand projectscope and objectives. Devised and initiated engineering solutions to a variety of project and design issues. ▪Used AutoCAD to complete renderings of full project designs and individual components. ▪Assessed relevant codes and made decisions in accordance with requirements. Responded to construction issues using knowledge of Concrete Technology principles and real-world operations. ▪Supported formal and informal test events by setting diagnostic parameters and analyzing results. ▪Maintained timely and accurate oral and written technical reports of engineering activities. ▪Monitored design processes from the conceptual phase through construction. Identified and implemented the most acceptable resolutions to complex engineering problems. ▪Partnered with other engineering staff members on projects to offer continual engineering expertise for safe and accurate project results.

- **Howrah Improvement Trust (Dec'15-Jan'16)**

Intern Civil Engineer

Responsibilities:

Supervise Construction Activities. Maintain Safety and Legality. Technical Activities. Preparation of Reports and Schedules. Quality Assurance. Communication and Leadership Duties.

- **Advanced Training Institute (Oct'15-Jun'21)**

AutoCAD Training

Resposibilities : Learn how to make building plan(2D Drafting & 3D Modeling).
Still making building plan and still practising.

ACADEMIC QUALIFICATION

- **SECONDARY(XTH) West Bengal Board of Secondary Education (B.M.S) 60% 2010.**
- **Diploma(Civil Engineering) W.B.S.C.T.E 67.5% 2017.**
- **B.Tech(Civil Engineering) M.A.K.A.U.T 8.19 CGPA 2021.**
- **Certifications AUTOCAD Training , Tunnel Design Training ,
Total Station Survey.**

Date:

Signature: