

ROBERT SMITH

Civil Engineer/ IT Systems Specialist

info@qwikresume.com | [LinkedIn Profile](#) | [Qwikresume.com](#)

Seeking challenging as a structural engineer within a dynamic, high growth organization that welcomes fresh ideas, initiative, dedication to integrate domain expertise, administrative, leadership and management skills, demanding excellence in consistently to achieve organizational objectives.

EXPERIENCE

Civil Engineer/ IT Systems Specialist

STARS For Consulting Office - JANUARY 2011 - 2019

- Detailed and economic structural design of concrete using analysis software like ETABS, SAP2000, SAFE, PCA Column, STAAD Pro and REVIT Structure with particular focus on internal calculation and drawing reviews to minimize risk and exposure of the designer.
- Exceptional buildability engineering and problem solving skills perfected over years spent working for subcontractors on site and from experiencing and solving a multitude of complex structural issues as a designer.
- Check and review the plans & specifications for the proper construction & quality implementation at job site.
- Check formwork, reinforcements and all embedded items, Ordering concrete materials and reinforcements.
- Quantities restriction for concrete and reinforcements of Projects,
- Preparing project drawings using AutoCAD software.
- Briefing CAD technicians and checking drawings.

Civil Engineer

ABC Corporation - 2008 - 2011

- Responsibilities Designed and prepared engineering designs, plans, drawings, specifications, and cost estimates of three hydropower projects (Sanjen Upper Hydroelectric Project, Sanjen Hydroelectric Project (Cascade scheme) and Middle Bhote Koshi Hydroelectric Project).
 - o Hydraulic and structural design calculations of dam, Intake structure, reservoir, desanding basin, conveyance channel, surge tank, anchor blocks, powerhouse superstructure and facilities, retaining structures, trusses, and river training structures.
 - o Penstock Optimization and Stability Analysis.
 - o Surge Analysis in Surge Tank.
 - o Preparation of Reinforcement and Construction drawings in AutoCAD.
 - o Quantity Estimates and Report Writing.
- Performed field checks of project sites or survey areas to verify