

# NEA Engineering Company Ltd.

Trade Tower Thapathali, Kathmandu.

## Employee Short CV Format

<b>Full Name:</b>	Om Bahadur Gurung			
<b>Position in Company</b>	Sr. Hydropower/Civil Engineer	<b>Professional Position (E.g. Civil Engineer)</b>		Civil Engineer
<b>Academic Qualification</b>	<b>Highest Academic Degree</b>	Bachelor Degree of Engineering	<b>Year of Completion</b>	2004 A.D
	<b>Others Academic Degree</b>	▪ Diploma in Engineering	<b>Year of Completion</b>	1997 A.D
<b>Experiences</b>				
<b>Total no. of years (Excluding Study period)</b>			14.5 years	
<b>SN</b>	<b>Name of Organization</b>	<b>Position</b>	<b>Years of Experience</b>	<b>Key responsibilities</b>
1.	NEA Engineering Company Limited.	Sr. Hydropower/Civil Engineer	1.75	<ul style="list-style-type: none"> <li>▪ Project control and monitoring.</li> <li>▪ Design the hydraulic structures of hydropower projects.</li> <li>▪ Fix the headrace alignment, pressure shaft/penstock pipe alignment, the location of surge tank, the location of the powerhouse.</li> <li>▪ Prepare the drawings of hydraulic structures.</li> <li>▪ Check the drawings of hydropower projects.</li> <li>▪ Calculate the earthwork quantity.</li> <li>▪ Conduct the optimization of the headrace tunnel and pressure shaft/penstock pipe.</li> </ul>
2	Hydro-Consult Engineering Limited.	Sr. Design/Civil Engineer	7.75	<ul style="list-style-type: none"> <li>▪ Review of the previous studies of hydropower projects.</li> <li>▪ Analyse the Hydrological and meteorological data for the determination of river flow.</li> <li>▪ Prepare the project overall layout, design the headworks components of hydropower projects.</li> <li>▪ Conduct the optimization of tunnel size and penstock diameter.</li> <li>▪ Conduct the structural analysis and design of penstock's supports (anchor blocks, support piers, and concrete pads), surge shaft, and powerhouse protection works.</li> <li>▪ Prepare the reinforcement detailing of penstock's supports (anchor blocks, support piers, and concrete pads), surge shaft.</li> <li>▪ Design of earthquake resistant RCC buildings for housing, Reinforcement calculation and preparation of its drawings.</li> <li>▪ Prepare the drawings of the waterway alignment and the waterway structures of hydropower projects.</li> <li>▪ Prepare the BoQ of various components of hydropower structures as well as housings.</li> </ul>

				<ul style="list-style-type: none"> <li>▪ Prepare the Rate analysis, prepare and compile the report.</li> <li>▪ Conduct the Financial analysis of hydropower projects.</li> </ul>
3	Save the Children Norway/Women Self-Help Centre	Civil Engineer (In charge)	2.25	<ul style="list-style-type: none"> <li>▪ Prepare plan for conducting survey of schools for new construction, rehabilitation, and water supply and sanitation management.</li> <li>▪ Design the earthquake resistant R.C.C. school buildings as well as stone/brick masonry school buildings.</li> <li>▪ Prepare the drawings of school buildings, water supply and sanitation management.</li> <li>▪ Prepare the rate analysis, calculate quantities of works of structures to be constructed, and prepare Bill of Quantities of the structures.</li> <li>▪ Monitor program activities, and instruct sub-engineers in order to implement the construction works properly and maintain the quality control.</li> <li>▪ Supervise the construction works of school buildings, and water supply and sanitation management regularly.</li> <li>▪ Prepare the monthly progress report of all the construction works and submit them to Save the Children Norway Nepal (SCNN) regional office, the concern District Education Office (DEO), and Women Self-Help Centre (WSHC).</li> <li>▪ Co-ordinate with officers of Save the Children Norway Nepal (SCNN) and concerned District Education Office (DEO).</li> <li>▪ Participate in the monthly meeting held in District Education Office (DEO).</li> <li>▪ Participate in different types of orientation classes held by Department of Education (DoE) Nepal outside the district.</li> </ul>
4	Hope Consultancy Pvt. Ltd.	Civil Engineer	2.75	<ul style="list-style-type: none"> <li>▪ Design the earthquake resistant residential buildings.</li> <li>▪ Prepare the drawings of residential buildings.</li> <li>▪ Prepare the BoQ of residential buildings.</li> <li>▪ Property valuation, Land measurement survey.</li> <li>▪ Supervision of various types of residential buildings.</li> </ul>