

Company :

Company Name :

Nature Of Business :

Designation :

Tridiagonal Solutions Pvt Ltd

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Consulting

Project Engineer

Tentative Job Location :

Aundh,Pune

Company Profile:

Tridiagonal Solutions (www.tridiagonal.com) is a company formed by industry experts from varied backgrounds i.e. mechanical, chemical, and manufacturing and software technologies.

Tridiagonal Solutions serves 30+ fortune 500 companies with its cutting-edge services & technologies catering to different industry sectors such as Chemicals and Process, Oil and Gas, Pharmaceuticals, HVAC, FMCG, Biomedical and other industry segments.

Tridiagonal has a team of 100+ engineers spread across offices in the US and India focusing on three main solution areas:

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CFD consulting

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Process Consulting

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Experimental Studies/Services

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Enterprise Engineering Software Solutions

The Process Consultancy services group is one of the high growth teams at Tridiagonal. The primary goal of this group is to provide CFD, DEM and Process consulting analysis services to wide range of industrial customers. The Process Consultancy services group is one of the high growth teams at Tridiagonal. The primary goal of this group is to provide CFD, DEM and Process consulting analysis services to wide range of industrial customers.

Requirement:

We are looking for engineer with strong Chemical Engineering fundamentals, with innovative thinking and very good problem-solving skills. Using simulation tools with engineering fundamentals are key attributes to solve customer problems.

Job Profile:

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Engineer will be responsible for delivering consulting projects for solids flow, fluid flow or solid+fluid flow process unit operations.

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Engineer is expected to understand and work with modeling software using CFD (computational fluid dynamics), DEM (discrete element method) and combined CFD- DEM techniques. For the first few months, the engineer will be provided requisite training in CFD and DEM techniques and software used.

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In addition to using DEM software, on need basis engineer will be expected to build mathematical models in Fortran, Python, Matlab and other programming languages.

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Engineer will also be responsible for providing applications-specific inputs on solids flow modeling software developed by Tridiagonal.

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Engineer will be responsible for timely reports on project progress to team lead(s).

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Engineer will be responsible for presenting progress updates to clients at regular project meetings. The project meetings are typically scheduled by team/project lead(s).

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Engineer is expected to work on multiple projects at a time.

Education Background:

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Graduation: B. E / B.Tech (Chemical)

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Post Graduation (must): M. Tech (Chemical)

Key Competencies:

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Should be excellent in written, oral communication and presentation skills

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Should be a very good problem solver with ability to interpret, present and defend the results with the customer

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Should be innovative and out-of-box thinker

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Good team player and people interaction skills

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Professional, self-motivated and accountable for responsibilities given

	Program	AE	BS	BE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
Eligibility :	BT	No	No		No	Yes	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
	BS	--	--		--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
	MT	No	No		No	Yes	No	No	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
	DoubleMajor	No	No		No	Yes	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dual	No	No		No	Yes	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dualB	No	No		No	Yes	No	No	--	No	No	No	No	No	No	--	No	--	--	No	--	No	No	--
	dualC	No	No		No	Yes	No	No	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--
	Mdes	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
	Phd	No	No		No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	MSc	--	--		--	--	--	--	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--	No
	MSR	No	No		No	Yes	No	No	--	No	No	--	--	--	--	--	--	No	--	--	--	--	No	--

Cost to Company :

Package Details :

Bond :

CPI CutOff :

Medical Requirments :

Resume Shortlist :

CTC: 6.5 LPA (all fixed)

NA

False

0.0

NA

True

Resume	Good exposure to CFD & mathematical modeling, Python and Matlab
Shortlist	
Criteria:	
Aptitude	
Test:	False
Group	False
Discussion:	
Technical	False
Test:	
Technical	True
Interview:	
Technical	30mins to 1hr
Interview	
Duration:	2
Number of	
Technical	2
Interview	
Rounds:	True
HR	
Interview:	30mins
HR	
Interview	30mins
Duration:	
Additional	Telephonic screening will be conducted before the technical rounds
Information:	