

Project Engineer

ABOUT SMART JOULES

- Smart Joules is a leader in energy efficiency services with a unique business model that delivers assured savings to its customers
- It is an early stage agile, fast-growing company funded by some of the large investors like **Asian Development Bank, TATA Capital, Sangam Ventures, Max Industries, Intelleventures, Mr. Saket Burman (Dabur Family), Mr. Nadir Godrej and 5 angel investors**
- Smart Joules has achieved
 - **35%** reduction on total energy consumption across all its clients till date, equivalent to the annual consumption of more than **15 Lakh** avg. Indian households
 - **1,13,254+ metric tons** of annual CO₂-eq. emissions reduction from existing projects
 - Saved more than **INR 133 Crore** of energy
- Some of its clients includes renowned companies like Apollo, Fortis, CARE, KIMS, Aster, Amneal and LMW
- It has presence across **25+ cities throughout India & 1 international partnership in Indonesia**
- Some Recognitions include: **Champion of Change recognition from the Prime Minister's Office & Niti Aayog, 10+ National Awards from Ministry of Power & CII, International Award from German Energy Ministry, Multiple international grants and fellowships, 35+ media coverages**
- Business Offerings
 - JoulePAYS: Pay-as-you-save model offering guaranteed energy savings with 0 CapEx and 0 risk for existing buildings and factories

- JouleCOOL: Cooling-as-a-service (build-own-operate-maintain-analyse-optimize) model offering sustainable, convenient, quality and economical cooling for new buildings
- DeJoule: IoT platform technology with hardware and software to continuously identify and automatically eliminate operational energy wastage
- For more details, see:
 - This recent [5-minute pitch](#) about the business
 - [This interview](#) with Govind explaining our business
 - [This podcast](#) with Forbes discussing our business and growth plans
 - This video calling out to the type of people we are looking for and this one relating to our mission
 - Our [website](#) and [LinkedIn page](#) have additional information

WHY SHOULD YOU BE A PART OF SMART JOULES?

1. 4X Individual Growth:

Very ambitious and goal driven management and team which targets to grow 318 times in next 7-8 years. If you are part of such a team, you will have to grow 4 times.

2. Market Leaders:

The market leader in their business segment in India and soon in the world

3. Contribute to Environment:

You contribute to the environment and society as a whole by being a part of journey to prevent 29 million tons of CO₂eq emissions before 2030 by making energy saving simple, substantial and profitable for large buildings and factories

4. Develop Entrepreneurial Skills:

Empowers Each Team Member with a Sense of Ownership, Build a Positive Team and Family Spirit, Get Shit Done, Maintain a High Level of Transparency and Honesty, Be Passionate, Determined and Bold, Pursue Growth and Learning, Be Adventurous, Creative and Open-minded

5. Develop Cross Functional Skills:

You work across multidisciplinary teams and hence, develop your skills across various domains

6. Stable Business:

Although fast growing, Smart Joules is stable with revenue locked in for 7-10 years with highly credit-worthy clients for whom we create disproportionate ongoing value.

7. Profitable:

Company is profitable and more than doubled in last year. Moreover, in the COVID times also it gave increments to its employees.

About the Role: Project Engineer

Role Summary

1. As a Project Engineer, you will be responsible for supporting project execution and site engineering related activities to help site project managers in earliest completion of projects.
2. Location : Ahmedabad/Bangalore/Coimbatore/Chennai/Delhi/Mumbai/Nasik
3. Reporting to: **Project Manager**

4. Team Handling: Individual Contributor

Responsibilities

Responsibility Areas	Responsibilities
Innovation	<ul style="list-style-type: none"> Imaging and piloting new ways to save energy, better ways to implement existing set of activities, managing teams, serving our clients, and spreading awareness in pursuit of our Mission and Vision.
Relationship Management	<ul style="list-style-type: none"> Coordinating with the client's representatives to facilitate support during project execution works for system installation and BMS deployment. Holding regular meetings with customer representatives along with site-Project Manager and understanding if Client is facing any problems or have any suggestions for improvement. Cooperate and communicate effectively with Project Managers and other team members to provide assistance and technical support. Maintaining good relationships with high quality, reliable and cost-effective service partners and contractors to ensure smooth functioning of works at site.
Budgeting & Project Cost Management	<ul style="list-style-type: none"> Support in creating BOQs & taking quotations for site execution works from multiple contractors, which fit within the SJPL's execution standards criteria Coordinating with the Procurement team for evaluation of service partners which are involved in or proposed for project execution at the site.
Execution	<ul style="list-style-type: none"> Executing all tasks related to site execution as instructed by the Project Manager of their respective site/region to achieve target completion timelines. Troubleshoot complex technical and project-related issues. Service partner and subcontractor coordination for site related activities

	<ul style="list-style-type: none"> • Taking necessary steps for achieving weekly and monthly completion targets for all ECMs and taking course corrective actions wherever necessary to avoid delays • To execute projects with the objective of handing over ECM-Wise Snag-Free Projects to Operations Team • Recording all site-related expenses including ad-hoc cash expenses, as and when incurred • Ensuring proper branding is maintained and all spaces around Smart Joules' equipment are neat and tidy.
Project Handover	<ul style="list-style-type: none"> • Support in validating savings for each of the ECMs post commissioning using audit instruments, and based on methodology defined by Central Design team • Preparing and sharing necessary documents, as instructed, to your respective PMs for compiling a detailed project handover report to Operations team
Documentation	<ul style="list-style-type: none"> • Ensuring timely, accurate and regular sharing of comprehensive information for their site with SJPL team members, to optimize overall company workflow. • Support in preparing accurate weekly/monthly Reports to explain activities carried out by Smart Joules to clients and to help them appreciate our work. • Regularly updating and sharing the project execution progress or any other associated information as per the desired formats & protocols.
DeJoule	<ul style="list-style-type: none"> • Ensuring all necessary support to BMS design & commissioning team for deployment of DeJoule at the site in parallel with new equipment installation, with intention of getting DeJoule ready for each major equipment (chillers, pumps etc.) before its commissioning • Coordinating with Client's Engineering staff for facilitating necessary shutdowns to support DeJoule deployment at site.

Skills & Experience Required

Skill & Behavior /Experience Required	Requirement Detail
Experience	<ul style="list-style-type: none"> ● 2-3 years of experience covering a mix of project execution (preferably in HVAC and electrical utilities) experience, Service partner management & handling site execution. ● Should have handled execution of 2-3 HVAC projects as project engineer or site engineer ● Experience with manpower management at site and also site engineering related concepts such as electrical supply system and pumping system.
Education	<ul style="list-style-type: none"> ● Bachelor's Degree or Higher in Mechanical Engineering
Skills & Attitude	<ul style="list-style-type: none"> ● Passes JouleFit (Core Values assessment). ● Strong computer skills (Web Search, Email, Word, Excel, Power Point) ● Must speak English and Hindi, and the local language spoken in their region. ● Knowledge of energy calculations, leading quality standards (ISO, ISHRAE, BEE) and certifications (LEED, NABH). ● Excellent problem-solving and analytical skills.
Career Growth Path at SJPL	<p>Project Manager : As a Project Manager in the Project Execution Team, your main responsibility will be to lead and manage projects from initiation to completion.</p> <p>Head of Projects : As Head of Projects ,you will be responsible for delivering on Smart Joules' project execution & completion targets through overall management, supervision, commissioning & handover of all projects activities across all client sites in the country.</p>

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