

## HVAC Draughtsman

New Delhi

### 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 CO<sub>2</sub>-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 CO<sub>2</sub>eq 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: HVAC Draughtsman*

### **Role Summary**

1. We are looking for a self-motivated draftsman who can work alongside a number of specialists at our company. The draftsman will form part of a multidisciplinary engineering team, and should be comfortable working at an adjustable table as well as a computer terminal. You will usually work at our offices, but will at times need to fulfill travel requirements and work on-site.

2. To be successful as a draftsman, you should stay up-to-date with new drafting software and advancements. An exceptional draftsman will demonstrate impeccable attention to detail and have sound knowledge of the discipline they draft for.
3. Reporting to: Design Engineer
4. Individual contributor

### Responsibilities

Responsibility Head	Responsibilities
<b>Design</b>	<ul style="list-style-type: none"> <li>● Shall be responsible for drafting HVAC system as per the HVAC design and structural design as per instruction of the Design team.</li> <li>● Drafting existing Floor plan from PDF file to AutoCAD file.</li> <li>● Responsible for preparing Shop drawing along with Sections/Elevation for smooth execution of work at site</li> <li>● Responsible for preparing P&amp;IDs and Schematic as per HVAC design</li> </ul>
<b>Site Travel</b>	<ul style="list-style-type: none"> <li>● Traveling to Sites for preparing As-Built drawing after Execution of work</li> </ul>
<b>Coordination</b>	<ul style="list-style-type: none"> <li>● Communicate directly with Site Engineers to understand project requirements.</li> <li>● Coordinate and collaborate real time with other disciplines such as electrical, structural and process to develop designs.</li> </ul>
<b>Documentation</b>	<ul style="list-style-type: none"> <li>● Will be responsible for the timely completion of all Drawings along with required take-off sheets for BOQ</li> </ul>
<b>Relationship Management</b>	<ul style="list-style-type: none"> <li>● SJPL Team: Providing meaningful opportunities for members from other SJPL teams to interact with the design team for empathy building and knowledge sharing.</li> <li>● Vendors and Subcontractors: Maintaining good relationships with high quality, reliable and cost effective vendors and contractors with adequate redundancy to ensure smooth functioning of work at site.</li> </ul>

### Skills & Experience Required

Skill & Behavior /Experience Required	Requirement Detail
<b>Experience</b>	<ul style="list-style-type: none"> <li>Total of 5+ years of hands-on experience in a similar role.</li> </ul>
<b>Education</b>	<ul style="list-style-type: none"> <li>Diploma/BE/B.Tech. in Mechanical Engineering with minimum 2 years experience in building services design.</li> </ul>
<b>Travel</b>	Not Required
<b>Skills</b>	<ul style="list-style-type: none"> <li>Fitment to SJPL Core Values</li> <li>Excellent communication skills, verbal and written and be adept at working with different personality styles.</li> <li>Knowledge of AutoCAD and Design software, MS Office, Excel &amp; familiarity with Autodesk Revit MEP.</li> <li>Must be Familiar with HVAC systems for cooling &amp; heating Systems</li> </ul>

\*\*\*\*\* End of Document \*\*\*\*\*