

EFFICIENCY FIRST  
**smartjoules**

On a Mission to create  
A great place to  
work and to be from.



## Software Developer - IOT (New Delhi)

At Smart Joules, we are in the pursuit of creating a world powered by energy efficiency. We are poised to lead the industry from the front, challenging archaic norms, questioning paradigms and redefining the rules of the game. As the nation's pioneering and most reputable cooling-as-service (CaaS) startup, our vision is to mitigate 29 million tons of CO2 emissions before 2030, thus catalyzing India's sustainability agenda to reduce carbon emissions and achieve Net Zero by 2070.

With cutting edge technology, relentless innovation and a never say die attitude, we at Smart Joules have traveled a long distance and now it is time for us to shift gears. Would you like to be a part of the exciting journey ahead?"

- Our impact so far includes:

- **30.6 Crore KWH energy saved** across all its clients till date, equivalent to the annual consumption of more than **34 Lakh avg. Indian households**
- **2,00,000+ metric tons** of annual CO2-eq. emissions reduction from existing projects
- Saved more than **INR 253 Crore** of energy

Achieved through innovative business models like

- **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-analyze-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 [5-minute pitch](#) about the business. Starts at 2:00 minutes in the video.
- [This interview](#) with Govind explaining our business
- [This podcast](#) with Forbes discussing our business and growth plans
- Our [Client Case study Video](#) showcasing our technical prowess
- Our [website](#) and [LinkedIn page](#) have additional information
- Introduction to [DeJoule](#) : Business Management System (B.M.S) with Intelligent Automation

### About the role:

We are looking for an innovative IoT Engineer who can bridge hardware, software, and networks to deliver scalable and reliable solutions. The role requires strong problem-solving skills, hands-on expertise in IoT technologies, and the ability to integrate devices, protocols, and data to power our BMS platform, DeJoule.

### The Ideal candidate will have:

- 3+ years working on IoT technologies
- Strong in python with good command on scripting and Object-oriented programming.
- Familiar with linux command line (should know how to navigate files in file system, how to use commands like less, tail, find, grep ... etc.)
- IoT Network Concepts and Protocols (TCP/IP, MQTT, HTTPS, Sockets, MODBUS, BACnet IP, BACnet (should understand how networking works like what happens when we open [google.com](https://www.google.com) on browser, should know about basic protocols tcp/ip , http, https, ssh etc.)
- have good command on SQL and relational database

### Bonus points for

- Experience understanding or having experience in iot specific protocols like modbus, bacnet etc.
- have worked with SBCs like raspberry pi etc.
- have worked with cloud services like aws
- C / C++
- Python unit testing frameworks such as Pytest
- Prior experience with firmware development.(Embedded C)

### Why Join us?

- The technology we build together will save 30% of the energy consumed in India's most prominent buildings and factories that stand today and, in the future, and will displace the largest multi-nationals currently dominating the Indian and other developing market.
- Collaborative and supportive work environment that values innovation, teamwork, and continuous improvement.
- Competitive salary and benefits package, including opportunities for professional development and career advancement and a chance to make a meaningful impact by helping businesses optimize energy consumption, reduce costs, and achieve sustainability goals.