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

Head of Engineering (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:

    - 24 Crore KWH energy saved across all its clients till date, equivalent to the annual consumption of more than 26.58 Lakh avg. Indian households

    - 1,67,000+ metric tons of annual CO2-eq. emissions reduction from existing projects

    - Saved more than INR 193 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-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 5-minute pitch about the business

    - This interview with Govind explaining our business

    - This podcast with Forbes discussing our business and growth plans

    - Our website and LinkedIn page have additional information

About the role:

At Smart Joules, we are dedicated to providing continuous innovation and data driven solutions that empowers organizations to achieve sustainability goals while significantly reducing energy costs. We are seeking a dedicated and customer-focused professional to join our team as the Head of Engineering.

The Head of Engineering will be responsible for driving the evolution of our technology platform (DeJoule) to make continuous energy optimization simple and profitable at scale. DeJoule is designed on the latest IOT and web technologies with Machine Learning to continuously identify and correct for hidden inefficiencies in dynamic energy systems such as air conditioning and compressed air. We are looking to scale deployment and build new capabilities in data-driven intelligence and continuous optimization through full automation.

In this role You will engage deeply with Smart Joules' leadership and management team and customers to connect our software and its capabilities to our mission. This role involves leading a team of engineers, collaborating with cross-functional teams, and ensuring the successful delivery of high-quality products and solutions. The ideal candidate will have a strong technical background, excellent leadership skills, and a passion for innovation.

Key Responsibilities of the role will include:

- Build DeJoule into a product that can outcompete any other globally on automatic and continuous performance optimization at scale, user engagement and cost.

- Recruit, lead and Inspire India's #1 energy tech team. Manage the engineering team, fostering a culture of innovation, collaboration, and continuous improvement.

- Develop and implement engineering strategies and processes that align with the company's goals and objectives.

- Oversee the design, development, and delivery of energy optimization solutions and products.

- Collaborate with other departments (e.g., product, sales, marketing) to ensure seamless integration and delivery of projects.

- Monitor and manage project timelines, budgets, and resources to ensure successful project completion.

- Stay up-to-date with emerging technologies and trends in the energy sector to drive innovation within the company.

- Implement and maintain quality assurance processes to ensure the highest level of product quality and reliability.

The Ideal candidate will have a proven track record with a strong background of successfully leading engineering teams and delivering complex projects in a fast-paced, dynamic environment.

Specific requirements include:

- 8+ years of experience in engineering roles, with at least 3 years in a leadership or management position. Excellent leadership, communication, and interpersonal skills.

- Strong technical background with experience in scalable software development with mastery in System Design and Architecture, Database Administration, Data Structures and Algorithms, Javascript frameworks (Angular.js, Node.js), AWS managed services (SNS,SQS, IoT core, DynamoDB, Lambdas, Kinesis and others), Python and related technologies.

- Familiarity with AI, and machine learning technologies.

Bonus points for

- Experience working in a start-up or in start-up-like conditions with volatility, uncertainty, complexity and ambiguity.

- Work experience in HVAC or Allied Industries

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.

- Chance to make a meaningful impact by helping businesses optimize energy consumption, reduce costs, and achieve sustainability goals.