

Superpower Energy - Software Intern JD

Role: Software Engineering Intern (Final Year).

Location: Fully Remote

Duration: 4 Months (Jan 15th – May 15th, extendable) with 1 month performance probation

About Superpower Energy

Superpower Energy is on a mission to move the solar industry beyond basic monitoring. We build intelligent tech solutions that deliver deep insights into solar plant health—identifying "silent" revenue killers like senseless soiling and shading. We don't just show data; we show plant owners exactly where their revenue loss occurs.

The Role

We are looking for a Software Intern pursuing B.Tech or M.Tech final year. You will be building the robust, scalable systems and AI-driven ecosystem around them.

Key Responsibilities

Interns will work closely with the founding team on real product problems. Responsibilities may include:

- Building backend services or scripts for ingesting and processing time-series data
- Designing workflows, APIs or pipelines for operational insights
- Design and deploy AI agents to auto-ingest data from different sources and build "insight agents" that can automatically spew out actionable insights.
- Writing clean, modular, and testable code

Required Skills

- Proficiency in **Python or Node.js, MongoDB, and React**
- Good understanding of **Git and version control**
- Familiarity with cloud platforms such as **AWS or GCP**
- Exposure to **Langchain and Agentic Workflow** (good to have)
- Exposure to **data analytics and ML** (good to have, not mandatory)
- Curiosity, ownership, and willingness to learn

How to Apply

Selection is based on your ability to solve a real-world problem.

1. **The Case Study:** Access the problem statement and technical challenge here: [Case Study File](#) ; [Submission Form](#)
2. **Submission:** Share your resume and your work/solution via the case link above.

Who you'll work with

- **The Founders:** You will work directly with the founding team, gaining insight into how a bootstrapped startup operates, moves from 0 to 1, and scales in the renewable energy sector. Founders - [Kedar](#) , [Tejas](#)
- **Advisor:** You will have access to our Advisor who will provide high-level guidance, and help you navigate complex engineering challenges. Advisor - [Arink](#)
- **Small, Elite Peer Group:** You will be part of a select group of interns, researchers and consultants collaborating where your voice and ideas carry weight. Consultants - tech - Keshav, research - Shoubik

Frequently Asked Questions (FAQs)

1. Is this a coding-only role? While your primary output is code, we are looking for "Product Builders." This means you'll be expected to understand the problem statement and solve it. Coding is still important but it's not too complex. Someone with basic coding skills should also give it a shot. Use AI - we encourage it. Piece of advice for non-coders - learn it (bunch of tools available. And with AI you can build)

2. Can I use a language other than Python? Yes. While our core algorithms are currently in Python, we are focused on building a robust system. Node js is fine too. Do not over-index on language. It depends on the system.

3. What happens during the 1-month probation? At the end of 30 days, we will evaluate your performance and quality, and how well you collaborate. Successful completion leads to the full 4-month internship. We will take into account your semester exams etc during the course of your internship. No pressure there.

4. Is the 10k stipend fixed? Yes, the stipend is ₹10,000 per month for the duration of the 4-month internship. We'd have loved to pay more at the market rate but we are bootstrapped and getting started.

5. How much time should I spend on Internship? We value quality over time spent. It is expected that you spend at least 2-3 hrs on a weekday. Teams are actively available on Weekends so we expect higher commitments and availability over the weekend. We will work around and adjust for your exams or important class events. Proactiveness, collaboration and outcome is primary.

6. Should I have knowledge of the Solar industry and electrical domain? No. But if you have and are interested in the domain then you'll have access to the right set of people to expand on it. We are at an intersection of Green Energy, Deep Research and AI.