# Software Engineer

Full-time | Innovation Team
Base Location: Remote
Start Date: ASAP

## About Oorja

Oorja ([www.oorjasolutions.org](www.oorjasolutions.org)) is an award-winning social enterprise based in New Delhi. We are on a mission to empower 1 million farmers globally by 2030 with the agricultural solutions they need to sustainably increase their income and quality of life.

Oorja is a Farming-as-a-Service company working at the intersection of sustainable agriculture and renewable energy. Our focus is on powering beneficial appliances that help users to generate stable incomes, create jobs, and mitigate carbon emissions. Despite urgent need, around 90% of marginal farmers cannot afford to invest in solar technology for their farms. Oorja wants to close this gap. We finance, install and maintain decentralized solar energy systems for community use. Oorja sells solar irrigation and milling affordable services on a pay-per-use basis to smallholder farmers, without any upfront cost to them. We also offer offline and digital advisory services to strengthen climate resilience. We operate in rural areas of northern India where farmers are currently reliant on polluting and expensive diesel motors for their energy needs.

Our core strengths are our inclusive, farmer-centric business model and a diverse and driven team with shared passion for sustainable development. Some of our funders and partners in this mission are:

# Role Background

Oorja is seeking a Software Engineer to join our Innovation team remotely. The Innovation team works primarily to build solutions that drive operational efficiency, provide digital access to rural users, and expand the scope of Oorja's impact. The primary responsibilities will be to build end-to-end products across business verticals, such as customer-facing and internal tools, databases, pipelines and dashboards. You will be exposed to a wide array of technologies across the tech stack and must be willing to learn and adapt quickly in a Rapid Application Development environment. You must have high attention to detail, solid analytical and problem solving skills, and an ability to work independently in a fast-paced setting. Candidates must have demonstrated skill in at least two of the following domains: software development, product development, data science and analytics (including AI/ML), backend engineering, data engineering, cloud development.

# Roles & Responsibilities

As a software engineer, you will be expected to serve a key role within our Innovation team. Your responsibilities include, but are not limited to:

### Product Development
- Taking real operational problems through the design thinking process to ultimately deliver high quality robust solutions
- Product Requirement Generation, Feature Development, User and Persona Development, Technical Architecture, Resource Planning
- Front and Back End Development, Data Engineering, UI/UX
- Productionizing technology on cloud environments
- User testing cycles, AB testing, unit tests, etc.

### Data and Analytics
- Development and maintenance of Oorja's data estate, flows and pipelines
- Building and maintaining data dashboards used across functions
- In Depth data analysis into operational and environmental challenges
- Applying machine learning and similar solutions on both the product and analytics side of things.

### Project Management
- Project and milestone planning, managing small teams and working groups, solving problems
- Preparing and presenting reports and updates for Senior Management and/or the Board
- Identifying and pitching opportunities for technology implementation and automation.

# Qualifications & Skills
- 2 years of development experience in a professional setting (any stack)
- Preferred Educational Background: Computer Science, Computer Engineering, Engineering Disciplines, Physics.
- Experience with any of the following technologies: Python, Flutter, Typescript, Node.JS, React, React Native, Tableau, Looker Studio, AWS, Google Cloud, BigQuery, RDS, Lambda/Cloud Functions, Figma, Balsamiq.
- Attention to detail, highly organized and efficient
- Ability and willingness to learn new skills and procedures

- Clear communication skills
- Track record of producing results on time in a fast-paced environment
- Self-motivated, confident character
- Willingness to travel to rural areas where Oorja works from time to time for implementation.

## What We Offer
- A highly enthusiastic, self-driven international team
- A melting pot of diverse talents – development professionals, researchers, engineers, farmers, scientists and community mobilisers
- Competitive remuneration package
- Interesting field of work where you will build your understanding of solar technology and the development sector
- Close mentorship for career development
- A flat and open work culture and friendly work environment
- Experience and responsibility at an award-winning company in the renewable energy and agri- tech industries, among the fastest-growing segments of the global economy
- The chance to make a difference and to help improve people's lives.

## How to Apply

If this opportunity appeals to you, please send your application by filling the brief online application form before **15ᵗʰ January 2025** here – [www.oorjasolutions.org/apply-now](http://www.oorjasolutions.org/apply-now)

## Equal Opportunities and Non-Discrimination Statement

Oorja Development Solutions India Private Limited is an equal opportunity employer that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to religion, race, caste, gender, place of birth, sexual orientation, marital status or disability status. Oorja endeavors to provide a safe, diverse and comfortable workplace. Oorja will not adversely discriminate, and prohibits other adverse discrimination at the workplace, against any person on its premises, whether that person is in its employment or otherwise. If you can contribute to our organization, you are welcome, regardless of your roots, religion, age or gender.