

Firmware Development Consultant (Independent Contractor/Consultancy Only)

For Immediate Hire

Location: Remote - Delhi, India

About Nexleaf Analytics:

Nexleaf is a nonprofit technology company based in Los Angeles, California, USA. We develop robust data analytics tools and lightweight sensor devices to serve people on the front lines of global public health and climate change. Our innovative solutions come from – and are driven by – our work in the field. We listen to people on the ground and create technology that meets their needs and integrates into their lives. We know that resilient, cost-effective technology can bridge the gap where other infrastructure is lacking. And we believe in the power of data to change the world.

We're a friendly, fun, and diverse team of people who are passionate about improving the lives of the poorest 3 billion people on earth. Nexleaf works with leading institutions such as Qualcomm, Vodafone Americas Foundation, Google.org, the Bill & Melinda Gates Foundation, and Gavi, the Vaccine Alliance to develop advanced technology innovations that impact and improve public health and the environment. We currently work in in 7 countries, including India, Mozambique, and Kenya, to help deliver safe vaccines to over 6 million children and connect 1,000 rural homes with mobile money payments for reducing carbon emissions through cleaner cooking. Please visit nexleaf.org to find out more.

About the Position:

We seek an independent contractor experienced in firmware development to support firmware development on products (new, existing, and R&D), manage product testing including helping to coordinate field testing, and provide escalated level technical support for a large-scale initiatives in India and Africa in the health sector and cold chain management.

We have a respectful and collaborative culture at Nexleaf, and we seek someone who is an enthusiastic learner, takes initiative, and is able to work effectively in a team environment.

Responsibilities Include:

- Write firmware and drive the development of device features, manage milestones, releases and upgrades, track bugs, and resolve issues for our 4 hardware lines.
- Manage product testing including helping to coordinate field testing.
- Resolve escalated technical support issues for our devices used in programs in India and countries in Africa based on knowledge of the firmware code.
- Work with US based team to ensure cloud API's support proper device/firmware operation.

Growth Opportunities:

The Firmware Developer role can expand to include working with our manufacturer in India to oversee and advise on the hardware development for the products and assist with tracking and validating manufacturing.

Education and Experience Required:

- College degree
- At least 1 year experience with providing level 2 or 3 technical support
- At least 2 years experience in firmware development for microcontroller based embedded systems. Experience with the TI family of microcontrollers and any cellular modems is a plus.
- Understanding of product development and manufacturing cycles & processes

How to Apply:

Email us at jobs@nexleaf.org with the subject line “Firmware Development Consultant - India - [add your first and last name]” to apply. Include a résumé in Microsoft Word or PDF format and a brief statement about what makes you a strong candidate, including details about your skills and previous experience.

Nexleaf Analytics is an Equal Opportunity Employer. All employment decisions shall be made without regard to age, race, creed, color, religion, sex, national origin, ancestry, disability status, veteran status, sexual orientation, gender identity or expression, genetic information, marital status, citizenship status or any other basis as protected by federal, state or local law.