



POSITION: SENIOR SOFTWARE DEVELOPER

Company: Nexleaf Analytics (nexleaf.org)

Posting Date: October 1, 2018

Location: Los Angeles, CA

Position Type: Full-Time

FOR IMMEDIATE HIRE

Applications will be considered on a rolling basis.

Nexleaf Analytics is a nonprofit technology company with a unique bottom-up approach for bringing data-driven impact to public health and climate change interventions in low- and middle-income countries. Our diverse team of computer scientists, software engineers, mechanical engineers, data scientists, public health experts, environmental advocates, and field managers design and deploy technology to ensure sustainable impact. We work directly with end users and iterate on our technology in the field to ensure that our sensors are customized to meet the specific needs in each country.

Partnering with leading institutions such as Gavi, Google.org, the Bill & Melinda Gates Foundation, and Qualcomm Wireless Reach, Nexleaf helps deliver safe vaccines to over 12.5 million babies annually and connect 900 rural homes with mobile money payments for reducing carbon emissions through cleaner cooking. We work in a diverse set of countries, including India, Mozambique, Nigeria, and Kenya.

THE ROLE

The **Senior Software Developer** will be a key part of the development team that designs and develops the core code of our cloud-based web service that collects and analyzes data from our IOT/M2M systems. This position entails understanding the architecture of our existing system, implementing new features, revising existing features, thorough testing and production deployment, and being motivated to see that everyone on the team is succeeding. The major responsibilities of the position include:

- Programming the frontend and backend (full stack) of our web service and analytics platform, using Python, Django, Python-RQ, MongoDB, Angular and other related languages and tools.
- Assisting in the development of the platform architecture and APIs through direct communication with external partners.
- Fully engaging and helping enhance and manage the development processes including: releases, regular code reviews, mentoring junior engineers, releases, etc.
- Contribute to technical decision making: evaluate design and architecture decisions

We have a small, dedicated team at Nexleaf and we all work together to define priorities and plan implementations. Any new addition to the team will play a critical role in helping achieve scale and impact.

Education and Experience Required:

- College degree
- Python: 4+ years on larger projects
- JavaScript; Angular or react: 2+ years on larger projects



- Relevant experience deploying features of the backend and frontend into production on Linux based systems.
- Experience with using AWS.
- Basic data processing and analysis experience.
- Experience working with nonprofit organizations.

Nexleaf’s Employee Value Proposition:

1. Be a Maker
 - a. You’re willing to take risks, roll up your sleeves, and iterate on solutions to see your ideas come to life.
 - b. You can work directly with founders to design and execute new ideas.
 - c. You take initiative, and have worked collaboratively and respectfully with internal and external partners to move mountains.
2. Innovate for Impact
 - a. You are motivated by social impact and making a difference in the world.
 - b. You want to be on the cutting edge of technology for development, revolutionizing sectors to help the poorest people in the world.
 - c. You can come up with creative new solutions to old problems.
3. Build Capacity
 - a. You are always striving to build your own, your team’s, and your client’s capacity through learning and teaching.
 - b. You’re not afraid to ask questions, and you’re never too busy to answer someone else’s.
 - c. You seek a diverse work environment where you are treated with respect and challenged to grow both professionally and as a person.
4. Do More with Data
 - a. You believe in the power of data and want to empower others to make decisions with their data.
 - b. You operate with integrity, base your arguments in facts and figures, and keep an open door & open data policy.
 - c. You can solve problems from the bottom-up just as well as from the top-down.

How to Apply:

E-mail jobs@nexleaf.org with the subject line “Senior Software Developer– Los Angeles, CA – [Your first and last name]” to apply.

Please include in Microsoft Word or PDF format:

1. Résumé
2. Brief statement about what makes you a strong candidate
3. Writing sample
4. Salary requirement

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.