

Senior Software Engineer – Python/Spark

Type: Full Time

Location: Remote – Puerto Rico

Description

Stem Bio is a mission-driven company filled with people who care deeply about improving the lives of others and making the world a better place.

Our Health First (HF) team works side by side with customers to build an idea and help bring it to fruition. We know success is the result of a well planned and executed idea. It takes the right team of people, working together on the right solutions for the customer. We are looking for a seasoned Software Engineer who will be a key driver to make this happen.

We are seeking a Junior or Senior Software Engineer with a strong focus on backend development in Python, who will work with a cross-functional team to build modern digital health services. This critical program involves contributing to and maintaining logic used in complex multi-variable data classifications, validations, transformations and analysis that will be used by healthcare providers across the country. The application is backed by a distributed database system that is populated using a distributed data pipeline orchestration tool. Some of these services will be exposed for public consumption and some are used for enterprise integration; the system will support upwards of tens of thousands of concurrent users.

The project is implemented using an Agile, Scrum-based process that includes Sprint Planning/Review/Retrospectives and daily stand-ups. The team uses TDD (test driven development) as well as automated CI/CD processes to assist in a rapid development and release cycle. Our mission is to help the government improve healthcare for patients and reduce costs. We value bringing individuals that are experts in their disciplines, highly communicative, and self-motivated to own their work. Technology and domain experts work side-by-side in highly dynamic teams that have all the roles necessary to deliver high-quality digital services.

Our core work hours are 10am - 4pm Eastern Time.

Responsibilities:

- Solve complex engineering problems that directly impact healthcare quality
- Work on a small to medium-sized Agile team, but as part of a larger multi-team environment
- Work independently on tasks with the opportunity to get input from other engineers as needed
- Collaborate with other engineers to evaluate and identify solutions to complex problems
- Participate in peer reviews of pull requests and provide productive feedback to improve the quality of work

Minimum Requirements:

- Bachelor's degree with 4+ years of relevant technical experience or a master's degree with 2+ years of technical experience
- 4+ years of experience building Python applications
- 2+ years of experience using data packages such as SciPy and/or Pandas
- 2+ years of experience designing RESTful backend microservices and developing them using Python
- Candidate must be able to obtain and maintain a Public Trust clearance
- Candidate must reside in, be authorized to work in, and the work must be performed in Puerto Rico
- Candidate must have lived in the US or a US Territory for 3 full years of the last 5 years
- Candidate must have conversational proficiency in English

Professional Skills

- Experience with build and version control tools like npm and Git.
- Experience with Test-Driven Development using automated testing frameworks such as PyTest, Mocha, and Sinon.
- Experience ensuring your code builds and deploys properly through CI/CD processes built in Jenkins.
- Knowledge of modern design patterns and building enterprise-grade production applications.
- Experience with Agile development methodologies and tools (i.e., JIRA/Confluence)
- Strong written and verbal English communication skills.
- Ability to understand complex systems and data both from the user perspective and technology perspective and independently investigate problems.
- Ability to work and coordinate with other developers using digital tools.
- Demonstrated time management skills.
- Strong organizational skills with attention to detail.
- Flexible and willing to accept a change in priorities as necessary.

Preferred Qualifications:

- Experience with database integration, relational and non-relational
- Experience with Spark
- Experience with AWS and Docker
- Experience working in the healthcare industry
- Federal Government contracting work experience

Job Location

This position requires that the job be performed in Puerto Rico. If you accept this position, you should note that Stem Bio does monitor employee work locations and blocks access from international locations/international IP addresses and prohibits personal VPN connections. Violations of this requirement will result in immediate termination.

Working at Stem Bio

Stem Bio is a Puerto Rico technology advisory and software solutions provider.

We combine unmatched expertise with cutting-edge technology to help clients solve their most complex challenges, navigate change, and shape the future.

We can only solve the world's toughest challenges by building an inclusive workplace that allows everyone to thrive. We are an equal opportunity employer, committed to hiring regardless of any protected characteristic, such as race, ethnicity, national origin, color, sex, gender identity/expression, sexual orientation, religion, age, disability status, or military/veteran status. Together, our employees are empowered to share their expertise and collaborate with others to achieve personal and professional goals.

Pay Range

There are multiple factors that are considered in determining final pay for a position, including, but not limited to, relevant work experience, skills, certifications and competencies that align to the specified role, education and certifications as well as contract provisions regarding labor categories that are specific to the position.

The pay range for this position based on full-time employment is:

\$57,600.00 - \$85,000.00