



## Software Engineer

Headquartered downtown in the heart of the National Capital region, Privacy Analytics is a one-of-a-kind health data analytics company. We are the first and only de-identification software provider in the world. Privacy Analytics is on the cutting edge of data de-identification and re-identification research and we have translated this patented research into an amazing offering of products and services that enable researchers to access and analyze healthcare data while ensuring that individuals' identities are protected.

Even though our customers include 7 of the top 10 Fortune 500 healthcare organizations, we've remained loyal to the entrepreneurial and innovate spirit that drove the founding of the company and continues to permeate our office and culture.

### The Job:

We don't work on a traditional web portal linked to a backend database. Our Java-based product is a scalable, distributed enterprise engine that processes immense volumes of data to conduct both calculations and transformations. The work we do goes from the typical enterprise feature development all the way to lower-level algorithmic optimizations. Because our underlying methodology rests on a statistical model, our development work can be quite math-intensive.

In the field, our developers tackle challenges beyond the code. We're faced with questions like: Do we advise customers to add new servers, or add more RAM to an existing server? Is a system-scaling bottleneck caused by network throughput, or disk access speed?

### In this role you'll:

- design, develop and sustain Java-based enterprise software that is part of Privacy Analytics' risk measurement and anonymization engines;
- write fast, understandable and unit-tested code;
- collaborate with QA, Product Management, Professional Services and Technical Documentation teams in an Agile environment;
- participate in design discussions, code reviews and planning meetings;
- work closely with QA and contribute directly to automated tests to ensure quality, on-time product releases.

### Our ideal candidate has:

- 4-7 years of Java development experience;
- a degree in Computer Science or Software Engineering, or a closely related educational background;



- experience with medium- to large-scale enterprise application system development through complete lifecycles;
- an exceptionally analytical mind and great communication skills;
- a practical, team-oriented approach, and strong trouble-shooting skills;
- experience in functional programming (ideally Scala), Spark, and statistics/analytics/data mining.

**To Apply:**

Please send your resume to [careers@privacy-analytics.com](mailto:careers@privacy-analytics.com)

We thank all applicants for their interest; however, only those selected for an interview will be contacted. **No phone calls please.**

Privacy Analytics is an equal opportunity employer and accommodates people with disabilities throughout the recruitment and selection process.