Job Description Summary

Beckman Coulter is looking for a Lead Software Engineer to join our product software team developing backend of web based Analytics applications using Java, Spark and Python. You’ll need to be well versed in object-oriented design and big data technologies.

Job Description

Beckman Coulter develops, manufactures and markets products that simplify, automate and innovate complex biomedical testing. Our diagnostic systems, found in hospitals and other critical care settings around the world, produce information used by physicians to diagnose disease, make treatment decisions and monitor patients. Scientists use our life science research instruments to study complex biological problems including causes of disease and potential new therapies or drugs. More than 275,000 Beckman Coulter systems operate in both diagnostics and life sciences laboratories on all seven continents. For 80 years, our products have been making a difference in peoples’ lives by improving the productivity of medical professionals and scientists, supplying critical information for improving patient health and reducing the cost of care.

Beckman Coulter offers a broad array of comprehensive, competitive benefit programs that add value to associates' and their families' lives. Whether it's a health care program or paid time off, our programs contribute to life beyond the job. Check out our benefits. We think you'll like what you see!

If you believe your education and experience are in line with the position description and qualifications referred to above, and are motivated, energetic, and looking for a new and exciting opportunity, please submit your resume online at the URL below or at www.beckmancoulter.com.

This position is for Beckman Coulter team located at **Danaher India Development Center** (IDC), Bangalore

IDC is a research and development center with the vision of accelerating product roadmaps across various Danaher business segments. Started in 2014, the center now hosts 500+ associates, for multiple Danaher operating companies focusing on Diagnostics, Life Science, and Environmental and Applied Science segments. The operating companies includes Beckman Coulter, Radiometer, Leica Biosystems, Danaher Digital, Hach, Leica Microsystems, HemoCue, Videojet and Cepheid.

The IDC workforce comprises of various product engineering teams, working on development of software and hardware components of cutting-edge products for, Immunoassay, Chemistry, Hematology, Molecular diagnostics, Oncology, Neurosurgery and Water Quality. IDC has evolved as center of excellence for Cloud and data analytics, with significant contributions to the key informatics solutions. The teams consist of highly hardworking software & hardware engineers and development managers. The teams are supported by local Product managers, Quality & Regulatory and Intellectual property specialists.

The inhouse teams works in close coordination with other global R&D centers at US, France, Germany, Japan, Australia, Denmark and Sweden. Located at the center of Bangalore IT HUB, IDC is housed at state of art facility, measuring 120 K

## Project Description

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You will drive continuous improvement through application of Danaher Business Systems.

## Essential job responsibilities:

You will be responsible for designing, developing and testing of Beckman Coulter’s next generation analytics software products.

* + Perform technical feasibility studies of new technologies and architectures, including evaluation of commercial tools and components.
  + You will play an important role in help creating the high-level design artifacts, interface across components, and develop data specifications.
  + Troubleshoot big data issues in AWS production environment as they arise, and fix if urgent.
  + Demo of MVPs to Product manager/stakeholders to collect feedback/improvements.
  + Participate in effort estimates and drive plans for implementation
  + Execute our roadmap and architecture based on technology and business needs, considering architectural issues and tradeoffs
  + Understand and manage integration points with other systems that interface with your applications
  + Take ownership of features, deliver on time, and drive end-to-end quality.
  + Support and maintain various software documents.
  + Be able to lead, mentor and empower the software engineering team to achieve a high level of productivity and quality.
  + Minimal travel as needed
  + Attend morning/night meetings with global team in multiple locations on a weekly basis.

## Education/Job Qualifications

* + Bachelor’s degree in Computer Science or master’s degree in Software Engineering or Information Science/Technology or a related field with 9+ years’ experience.

## Must Have:

* + 5+ years of experience in developing high performance, highly scalable, database driven web applications
  + 5+ years of experience in Spring/Java based enterprise software framework ecosystem.
  + Should be proficient in SQL, Hive and Presto Queries. In depth understanding of Hive on Tez and Spark engine.
  + Strong Java/Python programming concepts, ETLs using using PySpark.
  + Strong understanding of REST API/JSON
  + Skilled with computer science fundamentals, Data Structures, algorithms, Object Oriented Concepts and Design Patterns.
  + Ability to work with customers and user representatives to understand their needs and translate them into successful solutions
  + Excellent Communication and Presentation Skills
  + A strong awareness in software security
  + Keen business judgment, focus, and ability to see the "big picture" and prioritize
  + Must be proactive, self-directed, detailed and organized
  + Ability to work in a fast paced development environment
  + Strong in SQL/NoSQL/S3 and database design
  + Experience in understanding large and complex code cases, including API design techniques to help them clean and maintainable.

## A Plus to Have:

* + AWS Cloud experience
  + Agile Scrum Experience
  + Basic understanding of statistics
  + CI and CD (Jenkins)
  + Healthcare Informatics background
  + Knowledge on LIS integration and HL7 protocol.

Danaher is a global science & technology innovator committed to helping our customers solve complex challenges and improve quality of life worldwide. Our world class brands are leaders in some of the most demanding and attractive industries, including life sciences, medical diagnostics, dental, environmental and applied solutions. Our globally diverse team of 71,000 associates is united by a common culture and operating system, the Danaher Business System, which serves as our competitive advantage. We generated $19.9B in revenue last year. We are ranked #162 on the Fortune 500 and our stock has outperformed the S&P 500 by more than 5,200% over 25 years.

At Danaher, you can build a career in a way no other company can duplicate. Our brands allow us to offer dynamic careers across multiple industries. We're innovative, fast-paced, results-oriented, and we win. We need hardworking people to keep winning. Here you'll learn how DBS is used to shape strategy, focus execution, align our people, and bring value for customers and shareholders. Come join our winning team!

Danaher is committed to competitive compensation that typically has key components including base salary, variable annual incentive compensation based on personal and company performance, and long-term incentive.

## Equal Opportunity Employer

Danaher Corporation and all Danaher Companies are equal opportunity employers that evaluate qualified applicants without regard to race, color, national origin, religion, sex, age, marital status, disability, veteran status, sexual orientation, gender identity, or other characteristics protected by law. The “EEO is the Law” poster is available at: http://www.dol.gov/ofccp/regs/compliance/posters/pdf/eeopost.pdf.

## Accommodations

Individuals who need a reasonable accommodation because of a disability for any part of the employment process should call 202-419-7762 or e-mail applyassistance@danaher.com to request accommodation.