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| Job Code: JC\_ENG\_0Y1 | Job Title: Principal Engineer – Big Data |
| Function: Engineering | Location: Bangalore |

**Requirements:**

* 7 to 10 years of experience in machine learning, data mining, mathematical optimization.
* Ph.d or Masters in Computers Science, Computer Engineering, or mathematics
* Expert level knowledge in Hadoop/Mahout/MapReduce frameworks
* Strong knowledge of NoSQL and Relational database systems including HBase, CouchDB, PostgreSQL, MySQL, Oracle etc.,
* Background in predictive, diagnostic, operations analytics for engineering/industrial/M2M applications is strongly desired.
* Good understanding of distributed systems
* Knowledge of R, Matlab, SAS or other open-source/proprietary statistical packages

**Role Brief:**

We are looking for a strong engineering talent to be a part of the engineering analytics technology team for the company. We are building smart data systems that ingest large volumes of data from sensors, smart devices, online platforms, communications nodes, wireless devices etc, model, analyze and derive trends & patterns to aid better decision making. These would be used for various applications in industrial, M2M, energy, healthcare and consumer electronics applications. Role offers opportunity to be key part of a challenging, fast-paced environment and build ground-up core analytics offerings and shape the technology roadmap in our high-growth, knowledge-driven, young organization.

**Responsibilities:**

* Drive architecture and design of in-house IP and customer solutions in the area of engineering analytics
* Responsible for analyzing large data sets to develop custom models and algorithms to drive business solutions
* Build complex data sets from multiple data sources and build learning systems and algorithms to analyze and filter continuous data flows and offline data analysis
* Conduct statistical analysis and build models to determine trends, patterns and significant data relationships
* Recognized as the 'goto' expert in analytics domain within the organization
* Build design/code/test frameworks and rapid prototyping of new hypothesis
* Assist engineering leadership in hiring and interviewing top talent
* Steer Scrum reviews and stand-up meetings
* Mentor junior staff, conduct design/code/test reviews
* Contribute strongly to IP portfolio of the company in the form of patent disclosures, whitepapers, and blogs.