

**Gyan Data Pvt. Ltd.**

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# Developer Job Description

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**Role**

Lead Developer

**Experience**

3 years or more

**Education**

Undergraduate or Postgraduate degree in any engineering discipline ( preferably core)

**Requirements - General**

Should be proficient in the following

- Any Debian based Linux distribution and its associated package manager and command line tools
- Deployment of VMs on any of the cloud service providers (AWS preferred)
- Installation and configuration of any of the following RDBMS - MySQL/MariaDB and PostgreSQL and any in-memory cache/data-store such as Redis or Memcached
- Database design, writing and optimizing SQL queries
- Writing Docker build/deployment scripts
- Installation and configuration of NGINX or Apache-httpd
- Knowledge of HTML/CSS, Javascript and visualization libraries and BI tools a plus but not mandatory
- Git
- Use of any of the following IDEs - PyCharm for Python, Eclipse or IntelliJ for Java, VSCode for HTML/CSS/Javascript
- Eager to learn and can work with minimal guidance and supervision

**Requirements - Python**

Should be proficient in the following

- Standard library and OOP in python
- Python dependency management through pip
- Sphinx documentation engine
- Setuptools
- Pandas and Numpy
- Flask framework
- Jinja templating engine
- SQLAlchemy ORM and Core
- Celery
- Any production ready WSGI server such as Gunicorn or uWSGI

**Requirements - Java - nice to have**

Should be proficient in the following

- Java 1.7 or higher and its standard library
- Dependency and build lifecycle management through Maven or Gradle
- Spring framework with focus on spring-web-mvc, spring-security, spring-validator and spring tasks. Knowledge of spring aop preferred but not mandatory
- Hibernate
- Jackson
- Apache commons math, collections, commons-lang, commons-csv and libraries from the Apache ecosystem (preferred but not mandatory)
- Any servlet container such as Tomcat or Jetty