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# Example of Software Engineer / Developer Job Description

Our innovative and growing company is looking for a software engineer / developer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for software engineer / developer

* Support IT operations of hosting environment including server maintenance, operating systems, network issues, configurations, data backups
* Collaborate with Business Analyst and stakeholders to clarify requirements and acceptance criteria
* Develop high quality web software applications to meet business needs
* Design, create, and modify databases, stored procedures, jobs, and reports
* Apply set of development standards
* Follow application development best practices including Agile, ALM, and source control
* Write detailed technical and end user documentation
* Deploy developed applications as needed or work with QA and change control processes
* Maintain development, QA and production environments as needed
* Mentor and train other development and support staff

## Qualifications for software engineer / developer

* Experience in C, Python, Matlab and the UNIX/LINUX environment
* Candidates who have experience working with netCDF data and ARM datasets
* Experience developing and maintaining software as the primary developer developing as a member of a larger team
* An ability to read research papers and create categories of publications and their relationships to datasets
* HDFS data model design and implementation
* Sqoop and flume job design and development