

Job Description	
Designation	Software Engineer (GIS)
Department	MAPIT
Place	Bhopal
Job Type	Contractual (up to 2 Years) Extendable on the basis of performance

Job Description

- Develop software modules, custom software tools in open source / proprietary desktop GIS software using the required development language (such as C, C++, VB Script, Python and the like). Knowledge of using SQL, PostgreSQL and other databases.
- Develop Web enabled GIS modules using Open Source/ COTS platforms such as Geo server, Open layers, ARC Geo Server, Apollo Smart suite etc.
- Coordinate & work closely with the project team to design and implement features.
- Quickly produce well-organized, optimized, scalable and documented source code.
- Create and document software tools as per the requirements
- Debug existing source code and clean feature sets.
- Perform unit testing on the software modules being developed.
- Contribute to technical-design documentation.
- Build Packages and deploy packages as and when required

Skills:

- Good written and verbal communication including documentation skills
- Good understanding of complete SDLC (Software Development Life Cycle).

Qualification / Skill and Experience

Profile	
Essential Criteria	Desirable Skills & Experience
<p>Qualification:</p> <ul style="list-style-type: none">• B.E./B.Tech in Computer Science/ IT / or equivalent <p>OR</p> <p>MCA/equivalent</p> <p>OR</p> <p>Full time Post Graduation degree in Geology / Geo-informatics / Remote Sensing / Geography / Environment or related subject.</p> <p>Experience:</p> <ul style="list-style-type: none">• Overall 4years of experience in software development out of which minimum 2years' experience in development of GIS based software tools	<p>Skills:</p> <ul style="list-style-type: none">• Knowledge of web GIS development platforms like Geo server, Open layers, ARC Geo Server, Apollo Smart suite etc will be a plus• Knowledge of spatial data sets (2D/3D vector), OGC services, RS and GIS procedures• Experience working in Intergraph product suite will a plus