



## Function Profile

<b>Role</b>	(Junior) Software Engineer
<b>Responsibilities</b>	The assessment and interpretation of digital geographic data and the conversion of this using self-developed software to intermediate- or final-formats suitable for navigation systems.
<b>Reports To</b>	Project leader or Development Manager (hierarchically) and SW architect (technically).
<b>Work Environment</b>	<p>The activities will take place within the 'Innovation and Development' (I&amp;D) department. This is a team of 20 software developers who work on a suite of software tools to convert digital geographical data to various formats suitable for navigation systems.</p> <p>The work environment is fully Linux based, using as far as is possible open source tooling.</p>
<b>Work Description</b>	<p>Mapscape has an professional I&amp;D department that works in projects at CMMI level 2.</p> <p>Activities comprise of the development of software to convert digital geographic data to Mapscape's internal database format dHive. From dHive diverse output format can be generated. De input data can originate from a local supplier in one land, or from global parties such as Navteq or TeleAtlas. Besides data conversion, the development of visualisation en verification tooling also occurs within I&amp;D.</p> <p>Within a project team you will be responsible for your own products, under supervision of the SW architect and project leader. Besides the development, documenting and testing of your own code, the review of the work of colleagues and problem solving also belong to your responsibilities.</p>
<b>Core Tasks</b>	<ul style="list-style-type: none"><li>• Software development and maintenance of various conversion, test en visualisation tooling.</li><li>• Performing peer code reviews.</li><li>• Performing developer tests on your own code.</li><li>• Editing of SW documentation (e.g. wiki).</li><li>• Assessing the quality of new data for conversions.</li></ul>
<b>Competencies</b>	<ul style="list-style-type: none"><li>• A HBO/WO background with preference for computer science.</li><li>• Experience of software development (design and implementation).</li><li>• Knowledge of C and/or C++.</li><li>• Knowledge of Linux.</li><li>• Knowledge of SQL.</li><li>• Experience of database applications.</li></ul>



- Practically minded: a “doer”.
- Customer focussed with strong communicative skills.
- Pragmatic.
- Independent and creative.
- Command of written and spoken English.

**Experience**

We seek a young, enthusiastic and motivated colleague: Bachelor of Masters level with 0 to 3 years relevant work experience.

**Interested?**

Does this profile describes you and are you interested in this function within an informal and innovative organisation with a solid customer base? Send your motivation with your CV to [jobs@mapscape.eu](mailto:jobs@mapscape.eu) You can expect a challenging job with a market conforming employment package!

For more information or to submit your CV please contact the HRM department 040-711 35 56, Henri Wijnmalenweg 5b, 5657 EP Eindhoven