

1. TITLE OF THE CERTIFICATE (NL)
Diploma Beroepsonderwijs Kwalificatie: Software developer Kwalificatiedossier: Software development In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)
Certificate Senior Secondary Vocational Education Qualification: Software developer Qualification file: Software development This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES
<p>Core task 1: Creates software</p> <ul style="list-style-type: none"> 1.1 Harmonises projects, schedules tasks and monitors progress 1.2 Produces a technical design for software 1.3 Creates (parts of) software 1.4 Tests software 1.5 Makes improvement proposals for the software <p>Core task 2: Carries out IT projects</p> <ul style="list-style-type: none"> 2.1 Collaborates within a project team 2.2 Presents the completed work 2.3 Evaluates the collaboration

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
<p>The Software developer works in almost every sector of the economy, including the overall IT sector, game industry, the creative sector, the logistic sector, the mobility industry, manufacturing industry, healthcare and much more. The starting professional practitioner is often employed in small and medium-sized enterprises. Software development takes place in a wide variety of businesses and institutions with both national and international orientation. The starting professional practitioner can be employed in the SME sector or large companies, profit and non-profit organisations, (commercial) businesses and (semi)government. Depending on the size and/or structure of the organisation, the work of the software developer takes place within a (multidisciplinary) development team.</p>

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Culture and Science

<p>* Explanatory note This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers. More information is available at: http://www.europass.cedefop.europa.eu/ © European Communities 2002</p>
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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Level of the certificate (national or international) Qualification level 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF-niveau 4 - EQF level 4 - ISCED 3A</p>	<p>Grading scale / Pass requirements</p> <table style="border: none;"> <tr><td>10</td><td>excellent</td></tr> <tr><td>9</td><td>very good</td></tr> <tr><td>8</td><td>good</td></tr> <tr><td>7</td><td>very satisfactory</td></tr> <tr><td>6</td><td>pass</td></tr> <tr><td>5</td><td>fail</td></tr> <tr><td>4</td><td>unsatisfactory</td></tr> <tr><td>3</td><td>very unsatisfactory</td></tr> <tr><td>2</td><td>poor</td></tr> <tr><td>1</td><td>very poor</td></tr> </table>	10	excellent	9	very good	8	good	7	very satisfactory	6	pass	5	fail	4	unsatisfactory	3	very unsatisfactory	2	poor	1	very poor
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6	pass																				
5	fail																				
4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
1	very poor																				
<p>Access to next level of education/professions For the Software developer, higher professional education offers a range of opportunities for transfer to related IT study programmes, for example Business IT & Management, IT, Technical Information Science or Security Management, or an AD programme (associate degree). In the media arena, too, transfer is possible for example via the study programme Media and Entertainment Management and Communication & Multimedia Design.</p>	<p>International agreements Software developer is not a regulated profession in the Netherlands. However, the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.</p>																				
<p>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25998 The education and training for this qualification is offered as of 01-08-2024.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl).
 In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week.
 In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.

<p>Average duration of the education/ training leading to the certificate</p>	<p>4 years (6400 study hours) (depending on previous education)</p>
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Entry requirements

The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.

7. ADDITIONAL INFORMATION

Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information included in part 3 and 4 is derived directly from the qualification file determined by the Minister of Education, Culture and Science. The complete qualification file can be found at kwalificaties.s-bb.nl, only in Dutch.

Optional subjects are linked to the qualification. The optional subjects have a total size of 15% of the course duration. The optional subjects completed by the student are listed on the certificate.

Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.