



Application Developer

Application Developers design, develop, and test software solutions for businesses and end users. They analyse problems, create innovative solutions using modern programming tools, and build everything from interactive web frontends to complex enterprise backends.

At SIVT, this training follows the official Swiss Federal curriculum of ICT Vocational and Professional Education and Training Switzerland, combining structured self-paced learning with real project work at partner companies.

Specialisations

The program covers four core areas of competence:

- **Application Engineering:** object-oriented and functional programming, software architecture, agile development with Scrum, and DevOps with CI/CD pipelines and Docker
- **Web and Mobile Engineering:** interactive web frontends, full-stack web applications, and mobile apps
- **Data Management:** database modeling, SQL, and NoSQL databases
- **Security:** implementation of application security standards

Elective modules allow further specialization in areas such as Blockchain, Machine Learning, and Mobile Application Development.

Program Details

- Study Load: approx. 15 hours per week, with the flexibility to organize your own learning schedule
- Core Modules: 15 mandatory modules covering the fundamental ICT competencies of the program
- Advanced Modules: 15 elective modules allowing students to specialize in areas aligned with their career goals
- Practical Training: Carried out at a partner company. The program is designed to be completed flexibly alongside existing employment.
- Assessment: Each module is assessed individually. The program concludes with a Final Individual Project Work (IPA), assessed by Swiss-certified examiners

Career Prospects

Graduates are qualified for roles including:

- Software Engineer
- Web Developer (Frontend, Backend, or Full-Stack)
- Mobile App Developer
- Business Application Developer
- IT Project Coordinator, in sectors ranging from fintech and e-commerce to consulting and enterprise software

Admission Requirements

- Recognized secondary school leaving certificate or equivalent (UAE Tawjihi, IGCSE/A-Levels, IB Diploma, Swiss Matura, German Abitur, or equivalent)
- English proficiency at B2 level or above (IELTS 5.5+, TOEFL iBT 72+, EmSAT 1250+, or proof of English-medium schooling for a minimum of 3 years)
- Basic computer literacy; no prior programming experience required
- Copy of passport or Emirates ID
- Motivation letter (max. 500 words)

Minimum Age

The minimum age for program entry is 16 years. For applicants under the age of 18, a parent or legal guardian is required to co-sign the training agreement.

Program Start

- September 2026
- February 2027

Generally, online enrollment is possible at any time.

Duration

- 4 years including elective Advanced Modules

Certification

Federal Diploma of Vocational Education and Training, specialization Application Development. Issued by ICT Vocational and Professional Education and Training Switzerland.

Tuition and Fees

- CHF 500 per month (covers all core module content and the online learning platform)
- Final Examination fee: CHF 2,500 (one-time, payable in the final year)

Administration and Support

Students are supported by a dedicated team available via email for any academic, organizational, or career-related questions throughout the program. The assessment format varies by module, including knowledge tests, practical tasks, or project work. Passing each module is required before progressing to the next.

For all inquiries, students can reach the SIVT support team at admissions@sivt.ae.

Apply

- www.sivt.ae/apply

Free of charge, takes less than 10 minutes.

Website

- www.sivt.ae

The following table provides an overview of the core modules completed throughout the program. Each module is grounded in the official Swiss Federal curriculum of ICT Berufsbildung Schweiz and builds progressively on the skills acquired in previous years. Passing each module is required before advancing to the next.

Module No.	Module Title	Area	Year
M 319	Design and Implement Applications	Application Engineering	Year 1
M 164	Create Databases and Insert Data	Data Management	Year 1
M 293	Create and Publish a Web Presence	Web Engineering	Year 1
M 320	Object-Oriented Programming	Application Engineering	Year 2
M 294	Implement the Frontend of an Interactive Web Application	Web Engineering	Year 2
M 295	Implement the Backend for Applications	Web Engineering	Year 2
M 426	Develop Software Using Agile Methods	Application Engineering	Year 2
M 323	Functional Programming	Application Engineering	Year 3
M 183	Implement Application Security	Application Engineering	Year 3
M 324	Support DevOps Processes with Tools	Application Engineering	Year 4

Why Choose SIVT?

At SIVT, students benefit from the renowned Swiss dual education model, combining:

- ✓ Online learning + practical training
- ✓ Industry-relevant curriculum
- ✓ Skills that employers truly value
- ✓ Internationally aligned standards

Our programs focus on real-world competencies, preparing students to enter the workforce with confidence, experience, and a competitive edge.

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Rooted in the tradition of Swiss discipline and quality, SIVT cultivates knowledge and practical skill to inspire individuals who will design, transform, and elevate the industries that shape our future.

Siegfried Wirtner, Founder and Chairman of SIVT

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