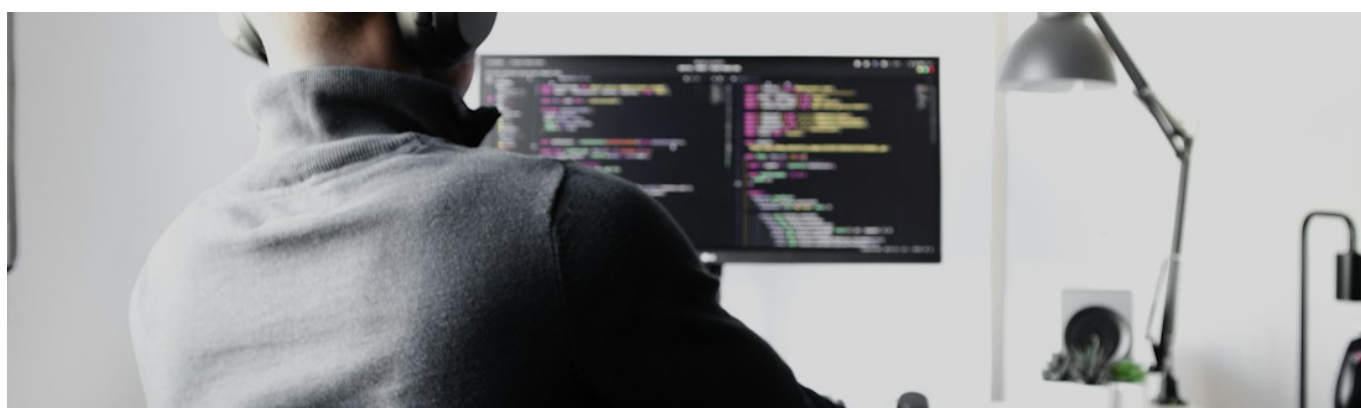


SOFTWARE DEVELOPMENT WITH PYTHON · THREE LEVELS

Write the code the other trades run on.

Programming is the work of telling a computer exactly what to do, in a form other people can read, test and change. Python is the language the other technical trades lean on: data, automation, the web and AI all run on it.



NEXT COHORT Tue 10 Nov 2026 Applications close Sunday 1 November 2026. A new cohort every two months.	A LEVEL 3 months 11 teaching weeks at about 22 hours a week. Three levels in all.
CERTIFICATION PCEP – Certified Entry-Level Python Programmer PCEP-30-02. Compulsory, sat in week 11, awarded by the vendor, not by us.	PLACEMENT 2 months Remote, after Level 2, with a partner company. Unpaid. Every learner who meets the conditions is placed.
WHERE Campus in Yaoundé, or online Opposite POLYTECH. Same timetable, same coach either way.	TUITION 135 000 FCFA Per level, in three monthly payments of 45 000 FCFA at the founding rate for the cohort starting 10 November 2026 (150 000 FCFA for later cohorts), plus a 10 000 FCFA enrolment fee paid once. The certification exam is paid separately: \$59 for Level 1, at the vendor's price, no markup.

The certification is compulsory. Every level ends in an exam set and marked by AWS, Microsoft, CompTIA, Meta, Databricks or the Python Institute. It is worth more than our own certificate, because it is read the same way in Yaoundé, Lagos, Lisbon and Toronto. We buy the voucher at the vendor's own price, with no markup.

The three levels

LEVEL 1 · 3 MONTHS

Python Foundations

Write, test and explain small Python programs, automate a real task for a business, and put a small web service online.

Certification: PCEP – Certified Entry-Level Python Programmer (PCEP-30-02), \$59

LEVEL 2 · 3 MONTHS

Python Developer

Build a complete, tested application from a client's brief: objects, a database, an API with FastAPI, and code another developer can maintain.

- Object-oriented programming and design
- Testing, debugging and code quality
- Databases and SQL from Python
- APIs with FastAPI
- Git, code review and working in a team
- Pair-programming with an assistant: generating, reviewing and testing what it writes
- Professional core: writing, English and French, client meetings
- Capstone: a complete application from a brief

Certification: PCAP – Certified Associate Python Programmer (PCAP-31-03), \$295

LEVEL 3 · 3 MONTHS

Python in Production

Deploy and operate Python services on AWS, build features on language-model APIs, and deliver for a paying client under supervision.

- Deploying on AWS: Lambda, containers, databases and CI/CD
- Operating services: logging, monitoring and incidents
- Building on language-model APIs: prompts, retrieval, evaluation and cost
- Security and performance of Python services
- SmartSana Labs: supervised client engagement
- Consulting practice and technical documentation
- Portfolio and defence

Certification: AWS Certified Developer – Associate (DVA-C02), \$150

Level 1, week by week

WEEK	FROM	FOCUS	WHAT YOU BUILD
1	10 Nov	Your first program: Python, the editor and the terminal. Values, variables, input and output.	Ten small programs, each one run and explained.
2	16 Nov	Decisions and loops: conditions, while and for, and thinking in steps.	A game and a calculator that cope with wrong input.
3	23 Nov	Functions and modules: breaking a problem down and reusing code.	A documented toolkit of your own functions.
4	30 Nov	Data structures: lists, dictionaries, tuples and sets.	A contact book and a stock list, kept in memory and on disk.
5	7 Dec	Files, errors and exceptions. Reading and writing CSV and JSON.	A program that cleans a messy CSV file and reports what it changed.
6	14 Dec	Git and GitHub properly. Testing your code before anyone else does.	Project 1: your toolkit on GitHub, with tests that pass.
7	4 Jan	Working with the web: HTTP, APIs and the requests library.	Project 2: a program that pulls live data from a public API.
8	11 Jan	Automation for a real Yaoundé business: spreadsheets, files and messages.	Project 3: an automation delivered to a real business, with a short handover note.
9	18 Jan	Pair-programming with an assistant: asking for code, reading it critically, testing it, and owning the result.	The same feature built twice, with and without an assistant, and the difference explained.
10	25 Jan	A small web service: routes, templates, and putting it online.	Project 4: a small web service live on the internet.
11	1 Feb	Certification week. Portfolio finalised and defended.	You sit the PCEP exam (PCEP-30-02). Demo day, and your Career Passport.

Cohort calendar

STARTS	ENDS	APPLICATIONS CLOSE
Tue 10 Nov 2026	Fri 5 Feb 2027	Sun 1 Nov 2026
Mon 11 Jan 2027	Mon 29 Mar 2027	Sun 3 Jan 2027
Mon 8 Mar 2027	Mon 24 May 2027	Sun 28 Feb 2027
Mon 10 May 2027	Mon 26 Jul 2027	Sun 2 May 2027
Mon 12 Jul 2027	Mon 27 Sep 2027	Sun 4 Jul 2027

Where this trade is practised

WHERE THEY WORK	ROLES YOU WOULD APPLY FOR
Software companies and agencies	Junior developer · backend developer · QA and test automation

WHERE THEY WORK	ROLES YOU WOULD APPLY FOR
Banks, telecoms and large employers	Integration developer · automation · internal tools
Small businesses	Automation and small web services, often as freelance work
Remote-first employers abroad	Python development lends itself well to remote work: the code is the same wherever the developer sits.

What we will not promise: a job, a visa, or an employment rate we cannot evidence. We have not run a cohort to completion yet, so this brochure carries no outcome figures and we will not borrow anyone else's.

Enrol or ask a question: <https://academy.smartsana.com/request-information.html> · academy@smartsana.com · +237 694 66 58 35.
Campus open Monday to Friday, 9 am to 9 pm; Saturday, 9 am to 6 pm.

Prices are correct at 9 October 2026. Vendor exam prices are the vendors' own and are re-quoted before purchase. We do not offer the HND, the DQP, the CQP or any other State or MINEFOP qualification; our certificate is not a State diploma (in Cameroon, only the State issues diplomas). The 10 000 FCFA application fee is the enrolment fee: paid once and not refundable. Each tuition payment is refunded in full if you ask within 14 days of making it.