

API CAMP

Learn API testing by building real evidence.

A practical guide to the live course, Python and pytest exercises, Playwright workflow, API + LLM companion, progress export, and safe production boundaries.

Current release

The public learning path is live and its stated static workflow is technically verified. Paid cohort enrollment is not open and no earnings or employment outcome is guaranteed.

Start in two minutes

Open the live course in a current browser:

<https://apicamp.journeytoonline success.com>

No account is required for the public learning path. Progress stays in the browser unless a separately disclosed account and cloud-sync feature is configured.

Recommended learning path

- Check setup readiness and choose one learning track.
- Complete Python and HTTP foundations before copying solutions.
- Practice pytest fixtures, parametrization, cleanup, and deterministic state.
- Build API checks that separate transport, contract, and business assertions.
- Use Playwright for the browser-to-API journey only after the lower layers are stable.
- Complete Portfolio Code and export progress as evidence you can explain.

What is included

Learning area	Practical outcome
Python	Readable functions, data handling, validation, and failure messages.
HTTP and APIs	Requests, status codes, JSON contracts, negative cases, and safe test data.
pytest fixtures	Fresh state, fixture composition, scope, parametrization, and cleanup.
Playwright	A browser-to-API workflow with explicit waits and accessible results.
Portfolio Code	A production-shaped Requests client, contract checks, synthetic CRUD API, CI, and evidence boundary.
API + LLM	A typed API boundary with a deterministic fake model and an optional live adapter.

Run the complete API Camp verification

```
npm test
```

The complete repository suite builds the worker, validates migrations and release gates, runs delivery rehearsals, and executes accessibility, consent, security-boundary, market-research, cohort, and runtime tests. A passing suite proves only the checks it contains.

Run the Portfolio Code suite

```
python -m pip install -e "portfolio-starter[test,browser]"
npm run test:portfolio
```

API + LLM companion

The tutorial begins in fake mode, so tests do not require a network connection, paid model, or credential. Model output is untrusted input and is capped before display.

```
python -m venv .venv
.\.venv\Scripts\Activate.ps1
python -m pip install -e "llm-api-tutorial[test,browser]"
python -m llm_api_tutorial
```

Open <http://127.0.0.1:8789>

- Keep provider credentials on the server and outside source control, URLs, logs, and browser storage.
- Set an explicit timeout, response-size limit, output limit, usage budget, and stop control.
- Adapt the request and response contract from the provider's current official documentation.
- Do not send confidential, personal, regulated, or customer data without an approved purpose and data-handling review.
- Do not let generated text execute an external action without a separate approval boundary.

Public-service boundary	The included Python server is deliberately local and single-process. A public AI service additionally needs authentication, authorization, abuse controls, rate limits, concurrency, observability, privacy, retention, incident response, vendor review, and cost controls.
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Progress and portfolio evidence

Use the course export controls to keep a portable record. Strong portfolio evidence includes the problem, architecture, assumptions, tests, controlled failure, result, limitations, and what you would change in production. A completion percentage alone is not proof of mastery.

Download integrity

Current package	api-camp-production.tar.gz - 4.3 MB - SHA-256 31dc20262a2f0bc05026714f6c5249eab527ca365f99b613dc3e2563cdeb5786
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On Windows PowerShell:

```
Get-FileHash .\api-camp-production.tar.gz -Algorithm SHA256
```

If the hash differs from the Product Hub manifest, do not open the file. Download it again from the same-origin Product Hub page.

Troubleshooting

The page does not load

Confirm you started the server from the extracted API Camp folder and that port 8787 is not already in use.

Progress disappeared

Local progress belongs to the current browser profile and origin. Export progress before clearing site data or changing browsers.

Playwright Chromium is missing

Activate the tutorial virtual environment and run `python -m playwright install chromium`.

A live LLM adapter fails

Return to fake mode. Verify permission, endpoint, model identifier, authentication scheme, quota, timeout, and response shape from current provider documentation.

Paid cohort status	No checkout or paid enrollment should open until real learner demand, exact dates, delivery capacity, identity, privacy, terms, support, payment, full-refund, and incident controls are verified.
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