Aurélien Duveau

AI ENGINEER LLM agents, tools and evaluation, in production

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I design AI agents and tools, and I ship them to production. Over ten years in tech: development, support, QA, then project management, in travel and hotel distribution, in French and English.

> **« An exceptional technology and people leader. »**
> Benjamin L., Former CTPO, Cityscoot

AI WORK

Nautil Helper

Multi-agent AI assistant that diagnoses production bugs and writes the tickets.

`4 agents, 6 repositories, docs from 4 suppliers`

Claude (Anthropic SDK, tool use), FastAPI, React

TarifScope

Automatic price checks against suppliers and 11 competitors, with email and Teams alerts.

`2,800 hotels, 12 connectivities and bed banks, daily replay`

Claude Code, Python, Flask, Docker, Playwright

StayBench

Open source sandbox that tests AI agents on hotel booking, over MCP.

`29 scenarios, injected faults, deterministic grading`

TypeScript, MCP, open source

EXPERIENCE

`06.2025 → now`

Technical Project Manager

AAM Communication, on assignment at Nautil

I joined as a QA engineer and soon took over as project manager on the hotel aggregation platform, which brings together offers from 4 suppliers: Juniper, Koedia, TahitiNuiTravel and Beachcomber. I work almost entirely in English.

- Coordinating the development team: priorities, dailies, delivery follow-up through to release.
- The team's point of contact with business teams and suppliers: discussions on their APIs, technical trade-offs.
- Testing and sign-off of every delivery before deployment.
- CI with automated API tests (Jenkins, Postman/Newman) and reporting in Teams.
- Data flow map documented in Confluence, .NET 8 endpoints, UI/UX redesign of the agent interfaces.
- Preparing the migration from .NET Framework 4 to modern .NET, with a test strategy.
- Designed and built Nautil Helper and TarifScope (see AI work).

`Claude Code, Anthropic SDK, Python, FastAPI, Flask, React / TypeScript, Docker, Playwright, SQL Server, Jira, Bitbucket, Jenkins, Postman / Newman, Teams, Confluence, .NET 8`

`07.2024 → 06.2025`

Focus on personal projects

FiveM and various projects

- Development on FiveM, the multiplayer server platform for GTA V, and various personal projects.

`01.2018 → 07.2024`

Cityscoot

Electric scooter sharing. Until the company closed (liquidation).

QA Lead — `10.2023 → 07.2024`

- Managed the QA team and followed each person's progress.
- Defined the test strategy, planned campaigns around delivery dates.
- Testing of mobile applications and APIs, in a context combining software and hardware.
- Traced bugs to their root cause and proposed fixes.

QA Analyst — `02.2023 → 10.2023`

SKILLS

Mentoring and growing people
I've always done it. At Nautil and at Cityscoot, I trained work-study students and supervised permanent staff as well as contractors. At Cityscoot, I also managed the QA team.

Bridging tech and business
Years of development, support and QA: I understand developer constraints and can explain them to business teams or suppliers.

Communicating in French and English
English is my everyday working language at Nautil, with the team and with suppliers.

Building tools that matter, with AI
TarifScope, an app in production built with Claude Code. Nautil Helper, a multi-agent assistant built on the Anthropic SDK. From need to tool, without waiting for a team to free up.

Shipping solid work
My QA background makes me test and sign off every delivery before release.

TOOLS

`AI`
Claude Code, Anthropic SDK (agents, tool use), MCP

`DEVELOPMENT`
Python, FastAPI, Flask, TypeScript, React, .NET / C#, PHP, SQL Server, MySQL, Docker

`QUALITY AND TESTING`
Playwright, Postman / Newman, Jenkins, Selenium, Appium, Robot Framework, TestRail

- Automated functional and UI tests (Appium, Robot Framework, Selenium).
- API testing with Postman, test cases in TestRail.
- Coordination through Jira and Confluence.

`Appium, Robot Framework, Selenium, Postman, TestRail, Jira, Confluence`

Developer and Technical Support Lead

01.2018 → 02.2023

- Developed the CRM (CakePHP 2) and the customer website (CakePHP 3), on MySQL and SQL Server.
- Technical support on Freshdesk: analysis, fix or escalation through Jira.
- Managed internal access rights.
- Automation with Python and Airflow, documentation in Confluence.

`CakePHP 2, CakePHP 3, MySQL, SQL Server, Freshdesk, Jira, Python, Airflow, Confluence`

2012 → 2017 Web Developer, work-study

AAM Communication

2015 → 2017

- Client websites for a travel agency, a public body and a real estate agency.
- Worked directly with clients, from gathering needs to delivery.

Clio Voyages Culturels

2012 → 2015

- Internal management intranet (PHP, ASP).
- User support, Windows Server, hardware.

`PHP, ASP, Windows Server`

SIDE PROJECTS

Live

Vigie `vigie.soclyse.fr`

Monitors the financial health of a company's clients and suppliers using French public data (BODACC, Sirene). Part of the Soclyse ecosystem, alongside Paraphe.

Live

StayBench `krymum.github.io/StayBench`

Open source sandbox that tests AI agents on hotel booking over MCP. It simulates a supplier, injects the failures of real distribution (price change at prebook, room sold out between two calls, a timeout hiding a booking) and grades every run deterministically, with no LLM judge. 29 scenarios, replay-verified leaderboard.

In progress

Mypixelteam

Open source desktop app showing AI agents at work in a pixel art open space. Connected to Claude Code, Codex and Gemini.

Live

PatchThrough `krymum.github.io/PatchThrough`

A small idle game in the browser: night operator at a 1950s telephone exchange. You patch calls through by hand, then apprentices and automatic switches take over, until the position is gone. French and English, mobile and keyboard, fully tested game logic.

TEAM TOOLS

Jira, Confluence, Bitbucket, Teams

LANGUAGES

French Native

English Fluent, working language

EDUCATION

2017 → 2018

Software Architect (Master's level), CFA Insta

2015 → 2017

Software Analyst, CFA Insta

2012 → 2015

BTS SIO (2-year IT degree), CFA Insta

2011 → 2012

Baccalauréat STG, Information Systems Management

RECOMMENDATION

> Aurélien grew brilliantly at Cityscoot, moving from apprentice developer to QA Lead, proof of his commitment and his ability to adapt and grow with the company. His path reflects his determination, his loyalty and his constant desire to learn, qualities that made him an essential pillar of our team.
>
> Always ready to support his colleagues, Aurélien stands out for his generosity, his discipline and his attention to detail. His move to QA Lead was marked by deep expertise in testing mobile applications and APIs in a challenging context combining software and hardware, showing his versatility and his ability to take on complex challenges.
>
> I recommend Aurélien without reservation for his professionalism, his team spirit and his ongoing commitment to learning. His rich experience as QA Lead, combined with his kind and collaborative nature, makes him a valuable asset for any organisation looking to strengthen its team with an exceptional technology and people leader.

Benjamin L., Former CTPO, Cityscoot. LinkedIn recommendation, Translated from French