Camille Onoda

Junior Backend Developer

JLPT N3 | Visa status: spouse of Japanese national – Validity: November 1st 2027

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Summary

Junior backend developer who builds systems from the ground up in Python, Go, and AWS. Created a concurrent HTTP server and static-site generator from scratch, strengthening knowledge of networking, concurrency, and file I/O. AWS-certified and fluent in three languages (French native, English fluent, Japanese JLPT N3—N2 in progress).

Technical stack

- Languages and frameworks: Python (socket, threading, argparse, pathlib, unittest / pytest), Go, Bash
- Backend and tools: HTTP protocol, REST APIs, FastAPI, Git, Linux / WSL, Docker
- Cloud and DevOps: AWS (Cloud Practitioner) - S3 buckets, Lambda, API Gateway (fundamentals)
- Other: VS Code, CLI, Github, Microsoft Office

Projects and learning

- HTTP Server from scratch: Python (sockets, threading)
  - Built a concurrent HTTP/1.1 server handling multiple clients. Implemented request parsing, response headers, and graceful connection shutdown. Deepened understanding of low-level networking and concurrency.
    → github.com/CamilleOnoda/http-server-python

- Static site generator – Python (CLI tool)
  - Created a command-line generator converting Markdown to HTML using modular design and file I/O. Reinforced text parsing, modularity, and reproducible builds.
    → github.com/CamilleOnoda/static-site-generator

- Boot.dev – backend career path (2024–present)
  - Structured program covering backend systems in Python and Go.

Certifications and courses

- AWS Certified Cloud Practitioner – Mar 2024
- Python PCEP (Certified Entry-Level Python Programmer) – Nov 2024
- edX Harvard CS50 Introduction to Computer Science and CS50 Introduction to Python (2023–24)

Professional background

Freelance Translator / Revisor (EN - FR), 2019–present | Remote / Japan
Delivered over 1 million words for NGOs and tech clients. Optimized terminology databases and collaborated across time zones.

Education

Master's in English-French Translation (Edvenn School, France, 2019) | Bachelor's in Foreign Languages (Blaise Pascal University, France, 2006-2010)