Camille Onoda

Junior backend developer

JLPT N3—N2 in progress | Visa status: spouse of Japanese national (validity: November 1st 2027)

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Junior backend developer focused on building reliable systems in Python, Go, and AWS.
Developed a concurrent HTTP server and static-site generator from scratch, gaining hands-on experience with networking, concurrency, and file I/O. Currently expanding from core HTTP systems to API design, database integration, and scalable backend architecture in GO while emphasizing maintainability and clear documentation.

Technical stack

- Languages and frameworks: Python (socket, threading, argparse, pathlib, unittest / pytest), Go, Bash
- Backend and tools: HTTP protocol, REST APIs, 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 (December 2024–present)
  - Structured program covering backend systems in Python and Go.

Publications

- Building an HTTP Server From Scratch in Python, WebDigestPro, Nov 20, 2025
    → https://www.webdigestpro.com/building-an-http-server-from-scratch-in-python/

Certifications and courses

• AWS Certified Cloud Practitioner – March 2024
• Python PCEP (Certified Entry-Level Python Programmer) – November 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

Education

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