

Florian Ohrel

florian.ohrel@pm.me | flohrel.com | github.com/flohrel

Skills

- **Language:** C, C++, Shell, HTML, CSS, SQL, Javascript, Typescript, Python
- **Framework:** React, Tailwind, Node.js, NestJS, Prisma
- **Other:** Git, Docker, Github Actions, HTTP, REST, Nginx, Notion, Figma
- French, English

Experience

Web developer, Freelance – Paris

February 2024

- Developed a full static website from scratch in HTML / CSS / vanilla JS, respecting performance, accessibility, security and SEO practices (full-score on Lighthouse).
- Developed build process with gulp.js to automate repetitive tasks, speed up build process with caching techniques, introduce asset versioning to optimize HTTP server cache, and enforce coding standards.
- Implemented CI/CD pipeline with Github Actions to automate and simplify code verification and website deployment.
- Created high-resolution, responsive models using Figma to assist clients in seeing the designs depending on their requirements, simplifying the collaborative design process.
- Enhanced collaboration with the use of Notion and agile methods to split, arrange, and better plan.

Projects

transcendance

github.com/jmz-mzr/transcendence

- Developed user Profile interface using React and leveraged React query's caching capabilities to reduce database accesses, and implement optimistic updates for a more fluid experience.
- Built a real time online multiplayer pong game and a chat using websockets on NestJS.

webserv

github.com/jmz-mzr/webserv

- Implemented a lightweight single-threaded HTTP/1.1 compliant web server (RFC 9110, RFC 9112), using non-blocking API poll(), working on Linux and MacOS.
- Implemented continuous integration with a complete testing routine (C++ GoogleTest, Python) to enforce quality control.
- Developed a logger to help tracing program's behavior.
- Developed a lexer/parser for nginx-like configuration files.

onde

github.com/flohrel/onde

- Implemented a full workspace container with VSCode devcontainer feature, to help working with other developers using a shared environment.

Education

School – 42 Paris

2021