Florian Ohrel

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Skills

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

Experience

Web developer, Freelance – Paris   February 2024
- Developed a full static website from scratch in HTML / CSS / JS, respecting performance, accessibility, security best practices and SEO (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 methodology 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.
- Implemented secured authentication using OAuth 2.0 protocol and JWT token.

webserv   github.com/jmz-mzr/webserv
- Implemented a cross-platform (Linux, MacOS), fast single-threaded HTTP/1.1 compliant web server (RFC 9110, RFC 9112), using non-blocking API poll().
- Implemented continuous integration with Github Actions and a complete testing routine (GoogleTest library, Python) to enforce quality control.
- Developed a logging system with log level, customizable output destination and pretty format output to help tracing program's behavior during execution.
- 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 - Today