Nathanael Barbey

Backend Developer

Motivated Junior Backend Developer with 2 years of experience in backend development and IT systems. Skilled in TDD, architectural design, and cross-functional team collaboration. Experienced in working on large-scale client projects in real estate and sports industries. Adept at collaborating in Agile teams, writing maintainable code, and participating in architectural discussions.

Email
nbarbey@protonmail.com

Phone
(+41) 959 76 09

Socials

GitHub
@propercommit

Linkedin
@nathanaelbarbey

Languages

French
Native

English
Fluent - CAE C1

Hobbies & Interests

Motorsport

Coding

Podcasts & Music

WORK EXPERIENCE

SQLI
Junior Backend Dev
Sept 2024 - Nov 2025 ◉ Lausanne, Switzerland

- Design and implement back-end features for a large real-estate platform using Node.js, TypeScript, and RxJS.
- Apply test-driven development practices (Jest, Mocha/Chai) to ensure high-quality, reliable code.
- Contribute to architectural decisions and apply design patterns.
- Use Zod for schema validation, improving data consistency.
- Collaborate in Agile sprints and code reviews with cross-functional teams.

SQLI
Junior Web Dev (intern)
Sept 2023 - Sept 2024 ◉ Lausanne, Switzerland

- Assisted in full-stack development tasks using JavaScript, React.js, and API integration.
- Supported development of Contentful-based apps for the FIBA client.
- Performed bug fixes, code maintenance, and schema validation using Zod.
- Conducted end-to-end tests with Cypress and unit tests with Jest.

SQLI
System & Network Administrator (trainee)
May 2021 - May 2023 ◉ Lausanne, Switzerland

- Two-year full-time internship as part of CFC diploma.
- Managed IT infrastructure, helpdesk, hardware, and network systems.
- Supported internal systems and resolved technical incidents efficiently.

EDUCATION & CERTIFICATION

École des Arches
CFC Informatique
2019 - 2023 ◉ Lausanne, Switzerland

University of Cambridge
Certificate in Advanced English (C1, CAE)
May 2016 ◉ San Diego, USA

TECHNICAL STACK

BACKEND	BACKEND	BACKEND	BACKEND	BACKEND
Node.js	Typescript	RxJS	Zod	Rest
BACKEND	FRONTEND	TESTING	TESTING	CRM
GraphQL	ReactJS	Mocha/Chai	Jest	MS Dynamics

TOOLS & PRACTICES

TDD
(Test-Driven Development)

SOLID
(Fundamental principles of object-oriented programming)

Composable
(Building with modular, reusable components)

Agile
(Approach emphasising collaboration, flexibility & continuous delivery)

LATEST CLIENT PROJECTS

Sotheby's Switzerland

Led complex data migration from multiple APIs into MS Dynamics CRM and a SQL database. Developed mini-site brochure components using ReactJS, Docker, and SCSS. Built an image-resizing API. Refactored custom infrastructure code to resolve bugs and improve maintainability.

FIBA
International Basketball Federation

Continuous A/B testing using Cypress of the FIBA Hub and development of custom apps for Contentful using ReactJS.