

Ethan Brosselard

Software developer

Location

Paris, France

GitHub

github.com/ZayKox

Email

ethan.brosselard@gmail.com

LinkedIn

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Software developer working primarily on web applications. I enjoy starting from a concrete need, understanding the relevant system, and building a clear, maintainable, and pleasant-to-use solution.

EXPERIENCE

Web Developer (apprentice)

Studio Beyowi

October 2023 – September 2026
Paris 13th arrondissement, France

Development and evolution of web applications, with independent ownership of complex data migration and AI integration projects, from design through production delivery.

- Designed, developed, and maintained features addressing user and business needs.
- Designed Python APIs with Flask and AWS Lambda, built interfaces, and automated processes.
- Migrated and synchronized data across Oracle, MySQL, PostgreSQL, MSSQL, and SQLite databases.
- Designed RAG approaches and vector search with PGVector and Qdrant.
- Contributed to technical choices, bug fixes, and checks before production delivery.

Python, Flask, Svelte, AWS Lambda, Docker, Git, PL/SQL, Oracle, MySQL, PostgreSQL, MSSQL, SQLite, PGVector, Qdrant

Backend Developer (apprentice)

Intento Design

September 2022 – August 2023
Paris, France

Contributed to the backend development of the company's main application.

- Developed features from needs defined with the apprenticeship supervisor.
- Maintained existing code, resolved bugs, and contributed to technical evolution.
- First experience with a team project and its professional expectations.

C++

Building Maintenance Agent

Sealed Air Corporation

July 2022 – August 2022
Épernon, France

Summer assignment in the building services department.

- Contributed to infrastructure maintenance and upkeep work.
- Built rigor, teamwork, and organizational skills in an industrial environment.

EDUCATION

Master's Degree in Computer Science — Artificial Intelligence Engineering
University Paris 8 Vincennes — Saint-Denis

2024 – 2026
Saint-Denis and Aubervilliers, France

Advanced study of AI, machine learning, deep learning, data processing, and software engineering.

Bachelor of Technology (BUT) in Computer Science
Paris Rives de Seine IUT — Université Paris Cité

2021 – 2024
Paris 16th arrondissement, France

Application Development pathway: design, development, and validation. Foundations in algorithms, software, databases, architecture, and project management.

French General Baccalaureate, honors
Lycée Jehan de Beauce

2018 – 2021
Chartres, France

Specializations in Computer Science and Mathematics; physical education and advanced mathematics options.

SKILLS

- Web frontend and interfaces
- Backend, APIs, and databases
- Software architecture and systems analysis
- Testing, accessibility, and performance
- UX / UI
- AWS cloud, Docker, and automation
- Applied artificial intelligence, RAG, and vector search
- Applied cybersecurity, currently learning
- Professional English

PROJECTS AND HACKATHONS

Palimia Personal project bringing movie, TV series, and video game tracking into a personal cultural library.	Ludosaic Personal project for a modular web platform bringing together several mini-games and play modes.	Hackathons and group projects A 3-day history and geography revision app; a sea-rescue database for Nuit de l'Info 2021; an HIV-awareness app for the 2022 edition; and a 10-day AI hackathon in a team of three for companies partnered with the master's program.
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