Alice de Berny

Full-stack web & mobile developer

6 years building useful web and mobile apps across healthcare, education, HR and e-learning.

Pau, France · Permanent role · Full-stack developer · alice.deberny@gmail.com · github.com/alice-db · gitlab.com/alice.deberny

EXPERIENCE

Prof en Poche Full-stack developer (web) — Apr 2026 – Oct 2026
6-month fixed-term contract · Pau

OnCogitiel, a cognitive remediation web app for cancer patients, and Mathia, a web app teaching maths to 9–12 year-olds.

- AI workflow for creating exercises

React · Python · Flask · MongoDB · Angular · Babylon.js · WordPress

Klara Full-stack developer (web) — Apr 2023 – Mar 2026
Permanent · Paris

Back office and web application for the Klara HR platform.

- Skills matrix
- Multi-workspace support and bulk data retrieval
- Entity hierarchy
- AI-generated custom dashboards
- White-label integration

Ruby on Rails · React · GraphQL · PostgreSQL

Beedeez Full-stack developer (web & mobile) — 2020 – 2023
Apprenticeship, then permanent · Paris

Back office plus web and mobile (Android, iOS) e-learning apps.

- Polling system for bulk certificate downloads
- Built and maintained the component library with Storybook

Node.js · React Native · React Native Web · REST API · MongoDB · Redux · AWS S3 · BullMQ · Redis

DIRO, Université de Montréal Research intern: Typer compiler — Jun 2020 – Jul 2020
Internship · Montréal

Contributed to the compiler of Typer, a functional programming language.

- Implemented hash-consing

OCaml

Eocene Full-stack developer (web) — 2018 – 2019
Summer internship, then apprenticeship · Paris

EvalPlus, an HR management web app.

Laravel · PHP · Ajax · Bootstrap

SKILLS

Languages: TypeScript, JavaScript, Ruby, Python (Java, PHP)
Front end & mobile: React, React Native, Angular, Redux (Bootstrap)
Back end & APIs: Ruby on Rails, Node.js, Flask, GraphQL, REST API (Django, Laravel, WordPress)
Data & infrastructure: PostgreSQL, MongoDB, Redis, BullMQ (AWS S3)
Version control: Git, GitHub, GitLab
Quality: Testing, Code review, Storybook
Workflow: Agile, Shape Up, Trello, ClickUp, Jira

EDUCATION

MSc in Software Science and Technology (STL) 2020 – 2021
Sorbonne Université / Université de Montréal

BSc in Application Development (DANT) · Work-study programme 2018 – 2020
Sorbonne Université (CFA des sciences) / Université Paris-Sud

French Baccalauréat, Science track · Physics and chemistry major 2014

PROJECTS

- Search engine over the Project Gutenberg library (Python)
- Compiler for a subset of Scheme, written in Scheme, generating x86 machine code (Scheme, x86)
- Indexing engine (Java)

LANGUAGES · INTERESTS

French: Native
English: Upper intermediate (B2)
German: Beginner

Guitar, Piano, Drawing, Running, Cycling, Video games